

Electronic Supplementary Information (ESI)

Initial coordinates (Å) of sbwAFP's atomic types and H₂O's of ice in the simulation system (in Protein Data Bank format).

sbwAFP with binding conformation A

ATOM	1	N	ASP A	1	48.542	11.384	43.963	N
ATOM	2	CA	ASP A	1	48.314	12.847	44.145	C
ATOM	3	C	ASP A	1	49.275	13.645	43.259	C
ATOM	4	O	ASP A	1	50.203	14.268	43.737	O
ATOM	5	CB	ASP A	1	46.867	13.079	43.710	C
ATOM	6	CG	ASP A	1	45.959	13.081	44.941	C
ATOM	7	OD1	ASP A	1	46.113	13.966	45.765	O
ATOM	8	OD2	ASP A	1	45.123	12.197	45.037	O
ATOM	9	H1	ASP A	1	49.509	11.144	44.261	H
ATOM	10	H2	ASP A	1	47.859	10.853	44.543	H
ATOM	11	H3	ASP A	1	48.417	11.134	42.963	H
ATOM	12	N	GLY A	2	49.057	13.633	41.972	N
ATOM	13	CA	GLY A	2	49.956	14.390	41.057	C
ATOM	14	C	GLY A	2	49.332	15.749	40.735	C
ATOM	15	O	GLY A	2	48.151	15.961	40.924	O
ATOM	16	H	GLY A	2	48.302	13.125	41.609	H
ATOM	17	N	SER A	3	50.117	16.672	40.250	N
ATOM	18	CA	SER A	3	49.570	18.019	39.918	C
ATOM	19	C	SER A	3	48.271	17.881	39.119	C
ATOM	20	O	SER A	3	48.008	16.860	38.515	O
ATOM	21	CB	SER A	3	49.301	18.683	41.267	C
ATOM	22	OG	SER A	3	49.845	19.995	41.260	O
ATOM	23	H	SER A	3	51.068	16.480	40.106	H
ATOM	24	HG	SER A	3	49.788	20.335	40.365	H
ATOM	25	N	CYS A	4	47.457	18.901	39.111	N
ATOM	26	CA	CYS A	4	46.175	18.830	38.352	C
ATOM	27	C	CYS A	4	46.456	18.715	36.851	C
ATOM	28	O	CYS A	4	47.386	18.053	36.436	O
ATOM	29	CB	CYS A	4	45.475	17.573	38.870	C
ATOM	30	SG	CYS A	4	43.907	18.032	39.648	S

ATOM	31	H	CYS A	4	47.689	19.715	39.606	H
ATOM	32	N	THR A	5	45.650	19.344	36.038	N
ATOM	33	CA	THR A	5	45.857	19.272	34.564	C
ATOM	34	C	THR A	5	44.626	19.824	33.852	C
ATOM	35	O	THR A	5	44.574	20.979	33.485	O
ATOM	36	CB	THR A	5	47.075	20.150	34.265	C
ATOM	37	OG1	THR A	5	48.191	19.691	35.015	O
ATOM	38	CG2	THR A	5	47.395	20.076	32.770	C
ATOM	39	H	THR A	5	44.898	19.862	36.397	H
ATOM	40	HG1	THR A	5	48.689	19.082	34.465	H
ATOM	41	N	ASN A	6	43.635	19.004	33.665	N
ATOM	42	CA	ASN A	6	42.394	19.467	32.985	C
ATOM	43	C	ASN A	6	42.713	19.903	31.547	C
ATOM	44	O	ASN A	6	42.382	19.231	30.592	O
ATOM	45	CB	ASN A	6	41.482	18.241	33.017	C
ATOM	46	CG	ASN A	6	42.216	17.037	32.425	C
ATOM	47	OD1	ASN A	6	42.975	17.171	31.486	O
ATOM	48	ND2	ASN A	6	42.022	15.853	32.943	N
ATOM	49	H	ASN A	6	43.701	18.079	33.980	H
ATOM	50	HD2	ASN A	6	41.412	15.744	33.701	H
ATOM	51	HD2	ASN A	6	42.489	15.075	32.572	H
ATOM	52	N	THR A	7	43.366	21.028	31.401	N
ATOM	53	CA	THR A	7	43.732	21.534	30.042	C
ATOM	54	C	THR A	7	44.828	20.659	29.425	C
ATOM	55	O	THR A	7	45.240	20.872	28.303	O
ATOM	56	CB	THR A	7	42.449	21.456	29.210	C
ATOM	57	OG1	THR A	7	41.352	21.915	29.989	O
ATOM	58	CG2	THR A	7	42.597	22.332	27.967	C
ATOM	59	H	THR A	7	43.625	21.543	32.193	H
ATOM	60	HG1	THR A	7	41.567	22.790	30.317	H
ATOM	61	N	ASN A	8	45.300	19.683	30.154	N
ATOM	62	CA	ASN A	8	46.371	18.789	29.623	C
ATOM	63	C	ASN A	8	46.647	17.666	30.627	C
ATOM	64	O	ASN A	8	47.752	17.176	30.740	O
ATOM	65	CB	ASN A	8	45.805	18.203	28.331	C
ATOM	66	CG	ASN A	8	46.787	17.183	27.761	C

ATOM	67	OD1	ASN	A	8	46.395	16.261	27.074	O
ATOM	68	ND2	ASN	A	8	48.059	17.309	28.019	N
ATOM	69	H	ASN	A	8	44.951	19.538	31.058	H
ATOM	70	HD2	ASN	A	8	48.374	18.054	28.572	H
ATOM	71	HD2	ASN	A	8	48.699	16.662	27.660	H
ATOM	72	N	SER	A	9	45.640	17.262	31.355	N
ATOM	73	CA	SER	A	9	45.812	16.174	32.362	C
ATOM	74	C	SER	A	9	45.944	14.815	31.681	C
ATOM	75	O	SER	A	9	46.927	14.527	31.026	O
ATOM	76	CB	SER	A	9	47.092	16.516	33.126	C
ATOM	77	OG	SER	A	9	46.894	16.260	34.509	O
ATOM	78	H	SER	A	9	44.761	17.681	31.238	H
ATOM	79	HG	SER	A	9	47.711	15.904	34.866	H
ATOM	80	N	GLN	A	10	44.963	13.971	31.843	N
ATOM	81	CA	GLN	A	10	45.029	12.622	31.224	C
ATOM	82	C	GLN	A	10	44.484	11.584	32.201	C
ATOM	83	O	GLN	A	10	43.887	10.599	31.812	O
ATOM	84	CB	GLN	A	10	44.150	12.704	29.979	C
ATOM	85	CG	GLN	A	10	44.858	11.997	28.826	C
ATOM	86	CD	GLN	A	10	44.009	12.103	27.559	C
ATOM	87	OE1	GLN	A	10	43.560	11.105	27.029	O
ATOM	88	NE2	GLN	A	10	43.768	13.278	27.046	N
ATOM	89	H	GLN	A	10	44.184	14.223	32.385	H
ATOM	90	HE2	GLN	A	10	44.129	14.082	27.472	H
ATOM	91	HE2	GLN	A	10	43.224	13.357	26.234	H
ATOM	92	N	LEU	A	11	44.683	11.799	33.470	N
ATOM	93	CA	LEU	A	11	44.176	10.827	34.476	C
ATOM	94	C	LEU	A	11	44.564	9.406	34.069	C
ATOM	95	O	LEU	A	11	45.729	9.059	34.042	O
ATOM	96	CB	LEU	A	11	44.858	11.213	35.791	C
ATOM	97	CG	LEU	A	11	44.107	12.370	36.459	C
ATOM	98	CD1	LEU	A	11	42.606	12.082	36.477	C
ATOM	99	CD2	LEU	A	11	44.365	13.661	35.682	C
ATOM	100	H	LEU	A	11	45.166	12.600	33.761	H
ATOM	101	N	SER	A	12	43.593	8.595	33.748	N
ATOM	102	CA	SER	A	12	43.873	7.185	33.331	C

ATOM	103	C	SER A	12	45.100	6.630	34.065	C
ATOM	104	O	SER A	12	46.126	6.375	33.465	O
ATOM	105	CB	SER A	12	42.621	6.405	33.724	C
ATOM	106	OG	SER A	12	42.587	6.253	35.137	O
ATOM	107	H	SER A	12	42.666	8.919	33.772	H
ATOM	108	HG	SER A	12	42.220	7.058	35.513	H
ATOM	109	N	ALA A	13	45.007	6.442	35.355	N
ATOM	110	CA	ALA A	13	46.178	5.905	36.110	C
ATOM	111	C	ALA A	13	45.844	5.766	37.598	C
ATOM	112	O	ALA A	13	46.695	5.926	38.451	O
ATOM	113	CB	ALA A	13	46.453	4.535	35.491	C
ATOM	114	H	ALA A	13	44.174	6.654	35.824	H
ATOM	115	N	ASN A	14	44.615	5.465	37.920	N
ATOM	116	CA	ASN A	14	44.241	5.314	39.356	C
ATOM	117	C	ASN A	14	43.259	6.413	39.769	C
ATOM	118	O	ASN A	14	42.616	6.331	40.798	O
ATOM	119	CB	ASN A	14	43.577	3.940	39.449	C
ATOM	120	CG	ASN A	14	42.562	3.783	38.315	C
ATOM	121	OD1	ASN A	14	42.096	4.760	37.762	O
ATOM	122	ND2	ASN A	14	42.196	2.587	37.945	N
ATOM	123	H	ASN A	14	43.941	5.336	37.220	H
ATOM	124	HD2	ASN A	14	42.571	1.799	38.391	H
ATOM	125	HD2	ASN A	14	41.548	2.475	37.219	H
ATOM	126	N	SER A	15	43.141	7.443	38.980	N
ATOM	127	CA	SER A	15	42.202	8.548	39.331	C
ATOM	128	C	SER A	15	42.707	9.302	40.562	C
ATOM	129	O	SER A	15	43.656	8.898	41.206	O
ATOM	130	CB	SER A	15	42.197	9.466	38.111	C
ATOM	131	OG	SER A	15	41.614	10.711	38.470	O
ATOM	132	H	SER A	15	43.670	7.492	38.155	H
ATOM	133	HG	SER A	15	42.301	11.258	38.861	H
ATOM	134	N	LYS A	16	42.083	10.400	40.889	N
ATOM	135	CA	LYS A	16	42.526	11.188	42.074	C
ATOM	136	C	LYS A	16	42.362	12.686	41.797	C
ATOM	137	O	LYS A	16	41.413	13.109	41.168	O
ATOM	138	CB	LYS A	16	41.605	10.750	43.214	C

ATOM	139	CG	LYS A	16	42.436	10.497	44.472	C
ATOM	140	CD	LYS A	16	41.809	11.236	45.656	C
ATOM	141	CE	LYS A	16	42.645	10.987	46.914	C
ATOM	142	NZ	LYS A	16	42.423	9.552	47.244	N
ATOM	143	H	LYS A	16	41.323	10.710	40.353	H
ATOM	144	HZ1	LYS A	16	42.660	9.386	48.242	H
ATOM	145	HZ2	LYS A	16	41.425	9.309	47.079	H
ATOM	146	HZ3	LYS A	16	43.029	8.960	46.641	H
ATOM	147	N	CYS A	17	43.279	13.487	42.261	N
ATOM	148	CA	CYS A	17	43.177	14.956	42.024	C
ATOM	149	C	CYS A	17	43.909	15.718	43.130	C
ATOM	150	O	CYS A	17	45.064	15.467	43.410	O
ATOM	151	CB	CYS A	17	43.854	15.185	40.671	C
ATOM	152	SG	CYS A	17	42.847	16.313	39.676	S
ATOM	153	H	CYS A	17	44.037	13.124	42.766	H
ATOM	154	N	GLU A	18	43.245	16.647	43.764	N
ATOM	155	CA	GLU A	18	43.905	17.418	44.854	C
ATOM	156	C	GLU A	18	43.792	18.922	44.589	C
ATOM	157	O	GLU A	18	44.770	19.642	44.618	O
ATOM	158	CB	GLU A	18	43.141	17.038	46.124	C
ATOM	159	CG	GLU A	18	43.914	15.959	46.881	C
ATOM	160	CD	GLU A	18	44.886	16.619	47.861	C
ATOM	161	OE1	GLU A	18	44.879	17.837	47.939	O
ATOM	162	OE2	GLU A	18	45.619	15.899	48.516	O
ATOM	163	H	GLU A	18	42.313	16.832	43.525	H
ATOM	164	N	LYS A	19	42.604	19.404	44.336	N
ATOM	165	CA	LYS A	19	42.435	20.863	44.075	C
ATOM	166	C	LYS A	19	41.097	21.129	43.382	C
ATOM	167	O	LYS A	19	40.290	21.910	43.849	O
ATOM	168	CB	LYS A	19	42.460	21.516	45.456	C
ATOM	169	CG	LYS A	19	41.275	21.006	46.280	C
ATOM	170	CD	LYS A	19	40.676	22.162	47.083	C
ATOM	171	CE	LYS A	19	41.491	22.371	48.361	C
ATOM	172	NZ	LYS A	19	41.774	23.833	48.402	N
ATOM	173	H	LYS A	19	41.827	18.809	44.319	H
ATOM	174	HZ1	LYS A	19	40.946	24.356	48.056	H

ATOM	175	HZ2	LYS	A	19	41.982	24.118	49.381	H
ATOM	176	HZ3	LYS	A	19	42.592	24.045	47.798	H
ATOM	177	N	SER	A	20	40.854	20.490	42.270	N
ATOM	178	CA	SER	A	20	39.569	20.711	41.550	C
ATOM	179	C	SER	A	20	39.786	21.659	40.366	C
ATOM	180	O	SER	A	20	40.844	22.234	40.206	O
ATOM	181	CB	SER	A	20	39.143	19.329	41.059	C
ATOM	182	OG	SER	A	20	39.906	18.983	39.910	O
ATOM	183	H	SER	A	20	41.519	19.866	41.909	H
ATOM	184	HG	SER	A	20	40.771	18.687	40.206	H
ATOM	185	N	THR	A	21	38.794	21.826	39.536	N
ATOM	186	CA	THR	A	21	38.946	22.735	38.365	C
ATOM	187	C	THR	A	21	38.381	22.071	37.106	C
ATOM	188	O	THR	A	21	37.422	22.536	36.524	O
ATOM	189	CB	THR	A	21	38.138	23.983	38.726	C
ATOM	190	OG1	THR	A	21	38.343	24.298	40.096	O
ATOM	191	CG2	THR	A	21	38.592	25.158	37.857	C
ATOM	192	H	THR	A	21	37.948	21.353	39.682	H
ATOM	193	HG1	THR	A	21	37.798	25.058	40.311	H
ATOM	194	N	LEU	A	22	38.969	20.983	36.687	N
ATOM	195	CA	LEU	A	22	38.467	20.284	35.469	C
ATOM	196	C	LEU	A	22	38.948	20.997	34.203	C
ATOM	197	O	LEU	A	22	39.633	21.998	34.264	O
ATOM	198	CB	LEU	A	22	39.064	18.874	35.544	C
ATOM	199	CG	LEU	A	22	38.964	18.327	36.973	C
ATOM	200	CD1	LEU	A	22	39.045	16.800	36.927	C
ATOM	201	CD2	LEU	A	22	37.631	18.737	37.607	C
ATOM	202	H	LEU	A	22	39.739	20.624	37.174	H
ATOM	203	N	THR	A	23	38.599	20.481	33.055	N
ATOM	204	CA	THR	A	23	39.038	21.120	31.780	C
ATOM	205	C	THR	A	23	38.850	20.147	30.613	C
ATOM	206	O	THR	A	23	37.752	19.714	30.323	O
ATOM	207	CB	THR	A	23	38.133	22.339	31.610	C
ATOM	208	OG1	THR	A	23	38.449	23.305	32.607	O
ATOM	209	CG2	THR	A	23	38.343	22.939	30.216	C
ATOM	210	H	THR	A	23	38.048	19.670	33.031	H

ATOM	211	HG1	THR	A	23	38.708	24.118	32.167	H
ATOM	212	N	ASN	A	24	39.912	19.797	29.944	N
ATOM	213	CA	ASN	A	24	39.794	18.850	28.799	C
ATOM	214	C	ASN	A	24	39.169	17.536	29.273	C
ATOM	215	O	ASN	A	24	38.277	17.002	28.646	O
ATOM	216	CB	ASN	A	24	38.876	19.545	27.793	C
ATOM	217	CG	ASN	A	24	39.722	20.314	26.776	C
ATOM	218	OD1	ASN	A	24	39.542	21.501	26.594	O
ATOM	219	ND2	ASN	A	24	40.645	19.683	26.104	N
ATOM	220	H	ASN	A	24	40.790	20.154	30.195	H
ATOM	221	HD2	ASN	A	24	40.789	18.725	26.251	H
ATOM	222	HD2	ASN	A	24	41.192	20.166	25.450	H
ATOM	223	N	CYS	A	25	39.626	17.017	30.378	N
ATOM	224	CA	CYS	A	25	39.049	15.745	30.890	C
ATOM	225	C	CYS	A	25	40.014	14.580	30.664	C
ATOM	226	O	CYS	A	25	40.861	14.608	29.793	O
ATOM	227	CB	CYS	A	25	38.844	15.965	32.392	C
ATOM	228	SG	CYS	A	25	37.096	15.739	32.808	S
ATOM	229	H	CYS	A	25	40.344	17.466	30.872	H
ATOM	230	N	TYR	A	26	39.881	13.564	31.462	N
ATOM	231	CA	TYR	A	26	40.760	12.372	31.352	C
ATOM	232	C	TYR	A	26	40.549	11.530	32.605	C
ATOM	233	O	TYR	A	26	41.477	11.024	33.202	O
ATOM	234	CB	TYR	A	26	40.280	11.634	30.100	C
ATOM	235	CG	TYR	A	26	40.761	10.203	30.135	C
ATOM	236	CD1	TYR	A	26	40.046	9.242	30.859	C
ATOM	237	CD2	TYR	A	26	41.919	9.838	29.440	C
ATOM	238	CE1	TYR	A	26	40.491	7.915	30.887	C
ATOM	239	CE2	TYR	A	26	42.364	8.511	29.470	C
ATOM	240	CZ	TYR	A	26	41.649	7.549	30.193	C
ATOM	241	OH	TYR	A	26	42.087	6.241	30.221	O
ATOM	242	H	TYR	A	26	39.188	13.584	32.154	H
ATOM	243	HH	TYR	A	26	42.132	5.963	31.139	H
ATOM	244	N	VAL	A	27	39.317	11.427	33.018	N
ATOM	245	CA	VAL	A	27	38.981	10.672	34.254	C
ATOM	246	C	VAL	A	27	39.520	9.239	34.209	C

ATOM	247	O	VAL A	27	40.535	8.953	33.607	O
ATOM	248	CB	VAL A	27	39.643	11.466	35.377	C
ATOM	249	CG1	VAL A	27	39.126	10.962	36.728	C
ATOM	250	CG2	VAL A	27	39.304	12.957	35.214	C
ATOM	251	H	VAL A	27	38.606	11.878	32.522	H
ATOM	252	N	ASP A	28	38.833	8.343	34.859	N
ATOM	253	CA	ASP A	28	39.271	6.918	34.893	C
ATOM	254	C	ASP A	28	38.681	6.247	36.134	C
ATOM	255	O	ASP A	28	37.481	6.232	36.327	O
ATOM	256	CB	ASP A	28	38.706	6.293	33.618	C
ATOM	257	CG	ASP A	28	39.582	5.112	33.194	C
ATOM	258	OD1	ASP A	28	39.866	4.280	34.039	O
ATOM	259	OD2	ASP A	28	39.953	5.061	32.034	O
ATOM	260	H	ASP A	28	38.022	8.611	35.339	H
ATOM	261	N	LYS A	29	39.504	5.703	36.987	N
ATOM	262	CA	LYS A	29	38.965	5.055	38.216	C
ATOM	263	C	LYS A	29	37.986	6.007	38.910	C
ATOM	264	O	LYS A	29	36.848	5.669	39.159	O
ATOM	265	CB	LYS A	29	38.237	3.804	37.721	C
ATOM	266	CG	LYS A	29	39.236	2.862	37.046	C
ATOM	267	CD	LYS A	29	38.486	1.891	36.133	C
ATOM	268	CE	LYS A	29	37.978	0.703	36.955	C
ATOM	269	NZ	LYS A	29	38.969	-0.383	36.717	N
ATOM	270	H	LYS A	29	40.471	5.732	36.826	H
ATOM	271	HZ1	LYS A	29	39.875	0.031	36.420	H
ATOM	272	HZ2	LYS A	29	39.107	-0.924	37.596	H
ATOM	273	HZ3	LYS A	29	38.618	-1.016	35.970	H
ATOM	274	N	SER A	30	38.417	7.201	39.215	N
ATOM	275	CA	SER A	30	37.505	8.174	39.883	C
ATOM	276	C	SER A	30	38.274	9.010	40.908	C
ATOM	277	O	SER A	30	39.443	8.789	41.153	O
ATOM	278	CB	SER A	30	36.983	9.060	38.754	C
ATOM	279	OG	SER A	30	36.089	8.307	37.943	O
ATOM	280	H	SER A	30	39.337	7.459	39.001	H
ATOM	281	HG	SER A	30	36.610	7.709	37.402	H
ATOM	282	N	GLU A	31	37.624	9.969	41.513	N

ATOM	283	CA	GLU A	31	38.317	10.816	42.526	C
ATOM	284	C	GLU A	31	38.126	12.303	42.207	C
ATOM	285	O	GLU A	31	39.063	12.999	41.873	O
ATOM	286	CB	GLU A	31	37.651	10.464	43.858	C
ATOM	287	CG	GLU A	31	38.362	9.261	44.482	C
ATOM	288	CD	GLU A	31	37.374	8.476	45.348	C
ATOM	289	OE1	GLU A	31	37.227	8.825	46.507	O
ATOM	290	OE2	GLU A	31	36.783	7.539	44.836	O
ATOM	291	H	GLU A	31	36.680	10.129	41.304	H
ATOM	292	N	VAL A	32	36.921	12.795	42.314	N
ATOM	293	CA	VAL A	32	36.673	14.239	42.023	C
ATOM	294	C	VAL A	32	37.449	15.118	43.004	C
ATOM	295	O	VAL A	32	38.462	14.718	43.546	O
ATOM	296	CB	VAL A	32	37.171	14.451	40.594	C
ATOM	297	CG1	VAL A	32	36.669	15.801	40.079	C
ATOM	298	CG2	VAL A	32	36.632	13.335	39.698	C
ATOM	299	H	VAL A	32	36.180	12.217	42.590	H
ATOM	300	N	TYR A	33	36.978	16.312	43.243	N
ATOM	301	CA	TYR A	33	37.683	17.216	44.196	C
ATOM	302	C	TYR A	33	37.465	18.679	43.798	C
ATOM	303	O	TYR A	33	38.377	19.480	43.819	O
ATOM	304	CB	TYR A	33	37.043	16.929	45.555	C
ATOM	305	CG	TYR A	33	37.734	15.750	46.197	C
ATOM	306	CD1	TYR A	33	38.862	15.953	47.001	C
ATOM	307	CD2	TYR A	33	37.245	14.454	45.989	C
ATOM	308	CE1	TYR A	33	39.502	14.859	47.596	C
ATOM	309	CE2	TYR A	33	37.887	13.361	46.584	C
ATOM	310	CZ	TYR A	33	39.015	13.563	47.387	C
ATOM	311	OH	TYR A	33	39.647	12.486	47.974	O
ATOM	312	H	TYR A	33	36.157	16.610	42.800	H
ATOM	313	HH	TYR A	33	39.671	12.637	48.922	H
ATOM	314	N	GLY A	34	36.261	19.032	43.438	N
ATOM	315	CA	GLY A	34	35.985	20.442	43.039	C
ATOM	316	C	GLY A	34	35.074	20.454	41.811	C
ATOM	317	O	GLY A	34	34.349	21.399	41.572	O
ATOM	318	H	GLY A	34	35.538	18.370	43.428	H

ATOM	319	N	THR A	35	35.101	19.407	41.033	N
ATOM	320	CA	THR A	35	34.233	19.354	39.821	C
ATOM	321	C	THR A	35	34.752	20.314	38.747	C
ATOM	322	O	THR A	35	35.932	20.592	38.666	O
ATOM	323	CB	THR A	35	34.324	17.907	39.334	C
ATOM	324	OG1	THR A	35	33.585	17.067	40.208	O
ATOM	325	CG2	THR A	35	33.748	17.808	37.920	C
ATOM	326	H	THR A	35	35.690	18.654	41.247	H
ATOM	327	HG1	THR A	35	34.049	17.033	41.048	H
ATOM	328	N	THR A	36	33.879	20.818	37.918	N
ATOM	329	CA	THR A	36	34.320	21.753	36.845	C
ATOM	330	C	THR A	36	34.219	21.066	35.479	C
ATOM	331	O	THR A	36	33.567	21.551	34.577	O
ATOM	332	CB	THR A	36	33.355	22.938	36.924	C
ATOM	333	OG1	THR A	36	33.366	23.467	38.243	O
ATOM	334	CG2	THR A	36	33.788	24.021	35.934	C
ATOM	335	H	THR A	36	32.932	20.577	37.999	H
ATOM	336	HG1	THR A	36	34.230	23.294	38.627	H
ATOM	337	N	CYS A	37	34.859	19.938	35.328	N
ATOM	338	CA	CYS A	37	34.806	19.208	34.026	C
ATOM	339	C	CYS A	37	34.891	20.195	32.859	C
ATOM	340	O	CYS A	37	35.626	21.159	32.901	O
ATOM	341	CB	CYS A	37	36.027	18.288	34.046	C
ATOM	342	SG	CYS A	37	36.250	17.532	32.416	S
ATOM	343	H	CYS A	37	35.374	19.568	36.073	H
ATOM	344	N	THR A	38	34.142	19.959	31.816	N
ATOM	345	CA	THR A	38	34.178	20.883	30.645	C
ATOM	346	C	THR A	38	34.530	20.103	29.376	C
ATOM	347	O	THR A	38	34.384	20.590	28.273	O
ATOM	348	CB	THR A	38	32.764	21.458	30.549	C
ATOM	349	OG1	THR A	38	32.466	22.177	31.739	O
ATOM	350	CG2	THR A	38	32.672	22.395	29.343	C
ATOM	351	H	THR A	38	33.554	19.176	31.803	H
ATOM	352	HG1	THR A	38	31.963	22.957	31.497	H
ATOM	353	N	GLY A	39	34.991	18.893	29.529	N
ATOM	354	CA	GLY A	39	35.353	18.072	28.345	C

ATOM	355	C	GLY A	39	34.660	16.711	28.445	C
ATOM	356	O	GLY A	39	33.996	16.270	27.529	O
ATOM	357	H	GLY A	39	35.099	18.523	30.427	H
ATOM	358	N	SER A	40	34.812	16.043	29.559	N
ATOM	359	CA	SER A	40	34.161	14.710	29.728	C
ATOM	360	C	SER A	40	35.152	13.711	30.332	C
ATOM	361	O	SER A	40	36.334	13.973	30.428	O
ATOM	362	CB	SER A	40	33.000	14.959	30.689	C
ATOM	363	OG	SER A	40	32.432	16.235	30.420	O
ATOM	364	H	SER A	40	35.350	16.421	30.285	H
ATOM	365	HG	SER A	40	31.598	16.292	30.889	H
ATOM	366	N	ARG A	41	34.677	12.565	30.740	N
ATOM	367	CA	ARG A	41	35.590	11.548	31.338	C
ATOM	368	C	ARG A	41	34.853	10.739	32.410	C
ATOM	369	O	ARG A	41	33.650	10.840	32.560	O
ATOM	370	CB	ARG A	41	35.996	10.646	30.172	C
ATOM	371	CG	ARG A	41	34.823	9.740	29.790	C
ATOM	372	CD	ARG A	41	35.063	8.334	30.349	C
ATOM	373	NE	ARG A	41	34.333	7.423	29.422	N
ATOM	374	CZ	ARG A	41	34.858	6.276	29.085	C
ATOM	375	NH1	ARG A	41	36.127	6.202	28.788	N
ATOM	376	NH2	ARG A	41	34.115	5.205	29.045	N
ATOM	377	H	ARG A	41	33.720	12.373	30.654	H
ATOM	378	HE	ARG A	41	33.460	7.686	29.063	H
ATOM	379	HH1	ARG A	41	36.696	7.024	28.817	H
ATOM	380	HH1	ARG A	41	36.530	5.323	28.532	H
ATOM	381	HH2	ARG A	41	33.143	5.262	29.272	H
ATOM	382	HH2	ARG A	41	34.517	4.326	28.790	H
ATOM	383	N	PHE A	42	35.562	9.937	33.155	N
ATOM	384	CA	PHE A	42	34.900	9.119	34.214	C
ATOM	385	C	PHE A	42	35.344	7.658	34.105	C
ATOM	386	O	PHE A	42	36.151	7.306	33.268	O
ATOM	387	CB	PHE A	42	35.368	9.724	35.537	C
ATOM	388	CG	PHE A	42	35.052	11.200	35.554	C
ATOM	389	CD1	PHE A	42	33.804	11.656	35.111	C
ATOM	390	CD2	PHE A	42	36.008	12.115	36.013	C

ATOM	391	CE1	PHE	A	42	33.512	13.025	35.127	C
ATOM	392	CE2	PHE	A	42	35.716	13.483	36.028	C
ATOM	393	CZ	PHE	A	42	34.469	13.937	35.585	C
ATOM	394	H	PHE	A	42	36.530	9.867	33.018	H
ATOM	395	N	ASP	A	43	34.823	6.806	34.943	N
ATOM	396	CA	ASP	A	43	35.217	5.370	34.884	C
ATOM	397	C	ASP	A	43	34.688	4.626	36.110	C
ATOM	398	O	ASP	A	43	33.845	3.757	36.007	O
ATOM	399	CB	ASP	A	43	34.569	4.831	33.608	C
ATOM	400	CG	ASP	A	43	35.554	3.909	32.886	C
ATOM	401	OD1	ASP	A	43	35.991	2.947	33.498	O
ATOM	402	OD2	ASP	A	43	35.856	4.180	31.735	O
ATOM	403	H	ASP	A	43	34.173	7.110	35.611	H
ATOM	404	N	GLY	A	44	35.180	4.960	37.271	N
ATOM	405	CA	GLY	A	44	34.708	4.271	38.501	C
ATOM	406	C	GLY	A	44	33.742	5.177	39.258	C
ATOM	407	O	GLY	A	44	32.663	4.770	39.634	O
ATOM	408	H	GLY	A	44	35.861	5.662	37.332	H
ATOM	409	N	VAL	A	45	34.102	6.408	39.481	N
ATOM	410	CA	VAL	A	45	33.166	7.313	40.204	C
ATOM	411	C	VAL	A	45	33.845	7.945	41.422	C
ATOM	412	O	VAL	A	45	34.980	7.654	41.743	O
ATOM	413	CB	VAL	A	45	32.755	8.389	39.180	C
ATOM	414	CG1	VAL	A	45	32.729	7.784	37.772	C
ATOM	415	CG2	VAL	A	45	33.746	9.554	39.211	C
ATOM	416	H	VAL	A	45	34.972	6.739	39.168	H
ATOM	417	N	THR	A	46	33.143	8.811	42.091	N
ATOM	418	CA	THR	A	46	33.709	9.485	43.290	C
ATOM	419	C	THR	A	46	33.026	10.839	43.467	C
ATOM	420	O	THR	A	46	32.453	11.130	44.498	O
ATOM	421	CB	THR	A	46	33.371	8.556	44.452	C
ATOM	422	OG1	THR	A	46	34.046	7.317	44.279	O
ATOM	423	CG2	THR	A	46	33.807	9.199	45.770	C
ATOM	424	H	THR	A	46	32.231	9.023	41.802	H
ATOM	425	HG1	THR	A	46	33.548	6.640	44.744	H
ATOM	426	N	ILE	A	47	33.063	11.662	42.455	N

ATOM	427	CA	ILE A	47	32.395	12.988	42.549	C
ATOM	428	C	ILE A	47	33.290	14.001	43.268	C
ATOM	429	O	ILE A	47	34.426	13.724	43.594	O
ATOM	430	CB	ILE A	47	32.155	13.404	41.094	C
ATOM	431	CG1	ILE A	47	31.471	14.773	41.054	C
ATOM	432	CG2	ILE A	47	33.493	13.483	40.356	C
ATOM	433	CD1	ILE A	47	30.749	14.946	39.717	C
ATOM	434	H	ILE A	47	33.516	11.398	41.626	H
ATOM	435	N	THR A	48	32.776	15.173	43.522	N
ATOM	436	CA	THR A	48	33.578	16.217	44.220	C
ATOM	437	C	THR A	48	33.182	17.602	43.687	C
ATOM	438	O	THR A	48	33.023	17.790	42.498	O
ATOM	439	CB	THR A	48	33.209	16.068	45.699	C
ATOM	440	OG1	THR A	48	31.798	16.166	45.844	O
ATOM	441	CG2	THR A	48	33.689	14.706	46.206	C
ATOM	442	H	THR A	48	31.854	15.369	43.257	H
ATOM	443	HG1	THR A	48	31.503	15.447	46.408	H
ATOM	444	N	THR A	49	33.015	18.566	44.549	N
ATOM	445	CA	THR A	49	32.621	19.923	44.075	C
ATOM	446	C	THR A	49	31.302	19.847	43.309	C
ATOM	447	O	THR A	49	30.253	20.109	43.856	O
ATOM	448	CB	THR A	49	32.429	20.743	45.347	C
ATOM	449	OG1	THR A	49	33.656	20.805	46.062	O
ATOM	450	CG2	THR A	49	31.974	22.154	44.976	C
ATOM	451	H	THR A	49	33.140	18.400	45.505	H
ATOM	452	HG1	THR A	49	34.113	19.970	45.937	H
ATOM	453	N	SER A	50	31.334	19.492	42.057	N
ATOM	454	CA	SER A	50	30.060	19.404	41.287	C
ATOM	455	C	SER A	50	30.255	19.890	39.851	C
ATOM	456	O	SER A	50	31.298	19.699	39.256	O
ATOM	457	CB	SER A	50	29.700	17.919	41.301	C
ATOM	458	OG	SER A	50	28.562	17.704	40.477	O
ATOM	459	H	SER A	50	32.188	19.280	41.624	H
ATOM	460	HG	SER A	50	28.867	17.580	39.575	H
ATOM	461	N	THR A	51	29.258	20.514	39.283	N
ATOM	462	CA	THR A	51	29.393	21.003	37.881	C

ATOM	463	C	THR A	51	28.745	20.015	36.911	C
ATOM	464	O	THR A	51	27.604	19.629	37.069	O
ATOM	465	CB	THR A	51	28.652	22.338	37.845	C
ATOM	466	OG1	THR A	51	28.518	22.842	39.166	O
ATOM	467	CG2	THR A	51	29.431	23.337	36.989	C
ATOM	468	H	THR A	51	28.420	20.658	39.777	H
ATOM	469	HG1	THR A	51	27.881	23.560	39.147	H
ATOM	470	N	SER A	52	29.463	19.607	35.904	N
ATOM	471	CA	SER A	52	28.894	18.645	34.915	C
ATOM	472	C	SER A	52	29.353	19.009	33.500	C
ATOM	473	O	SER A	52	30.527	19.208	33.252	O
ATOM	474	CB	SER A	52	29.448	17.280	35.324	C
ATOM	475	OG	SER A	52	30.563	16.963	34.501	O
ATOM	476	H	SER A	52	30.379	19.932	35.799	H
ATOM	477	HG	SER A	52	30.731	16.021	34.579	H
ATOM	478	N	THR A	53	28.442	19.091	32.570	N
ATOM	479	CA	THR A	53	28.836	19.437	31.171	C
ATOM	480	C	THR A	53	28.763	18.192	30.287	C
ATOM	481	O	THR A	53	27.695	17.736	29.928	O
ATOM	482	CB	THR A	53	27.814	20.480	30.716	C
ATOM	483	OG1	THR A	53	27.401	21.255	31.833	O
ATOM	484	CG2	THR A	53	28.446	21.392	29.664	C
ATOM	485	H	THR A	53	27.499	18.924	32.786	H
ATOM	486	HG1	THR A	53	26.723	21.866	31.535	H
ATOM	487	N	GLY A	54	29.888	17.630	29.939	N
ATOM	488	CA	GLY A	54	29.870	16.408	29.085	C
ATOM	489	C	GLY A	54	28.924	15.383	29.710	C
ATOM	490	O	GLY A	54	27.739	15.376	29.440	O
ATOM	491	H	GLY A	54	30.741	18.005	30.243	H
ATOM	492	N	SER A	55	29.432	14.526	30.551	N
ATOM	493	CA	SER A	55	28.550	13.513	31.199	C
ATOM	494	C	SER A	55	29.361	12.284	31.615	C
ATOM	495	O	SER A	55	30.270	12.369	32.417	O
ATOM	496	CB	SER A	55	27.985	14.219	32.431	C
ATOM	497	OG	SER A	55	29.035	14.900	33.105	O
ATOM	498	H	SER A	55	30.387	14.552	30.761	H

ATOM	499	HG	SER A	55	28.701	15.755	33.389	H
ATOM	500	N	ARG A	56	29.033	11.138	31.082	N
ATOM	501	CA	ARG A	56	29.776	9.903	31.453	C
ATOM	502	C	ARG A	56	29.394	9.477	32.874	C
ATOM	503	O	ARG A	56	28.344	8.909	33.099	O
ATOM	504	CB	ARG A	56	29.323	8.852	30.437	C
ATOM	505	CG	ARG A	56	30.457	7.854	30.194	C
ATOM	506	CD	ARG A	56	29.956	6.437	30.480	C
ATOM	507	NE	ARG A	56	29.416	5.946	29.182	N
ATOM	508	CZ	ARG A	56	28.931	4.737	29.093	C
ATOM	509	NH1	ARG A	56	27.817	4.434	29.700	N
ATOM	510	NH2	ARG A	56	29.561	3.832	28.395	N
ATOM	511	H	ARG A	56	28.292	11.091	30.442	H
ATOM	512	HE	ARG A	56	29.423	6.531	28.396	H
ATOM	513	HH1	ARG A	56	27.333	5.127	30.235	H
ATOM	514	HH1	ARG A	56	27.446	3.507	29.632	H
ATOM	515	HH2	ARG A	56	30.415	4.065	27.928	H
ATOM	516	HH2	ARG A	56	29.190	2.906	28.326	H
ATOM	517	N	ILE A	57	30.232	9.752	33.835	N
ATOM	518	CA	ILE A	57	29.903	9.368	35.238	C
ATOM	519	C	ILE A	57	30.296	7.911	35.496	C
ATOM	520	O	ILE A	57	30.325	7.455	36.622	O
ATOM	521	CB	ILE A	57	30.729	10.315	36.111	C
ATOM	522	CG1	ILE A	57	30.608	11.745	35.570	C
ATOM	523	CG2	ILE A	57	30.208	10.270	37.548	C
ATOM	524	CD1	ILE A	57	29.144	12.053	35.241	C
ATOM	525	H	ILE A	57	31.073	10.215	33.639	H
ATOM	526	N	SER A	58	30.596	7.177	34.460	N
ATOM	527	CA	SER A	58	30.985	5.749	34.641	C
ATOM	528	C	SER A	58	30.070	5.072	35.668	C
ATOM	529	O	SER A	58	28.938	5.468	35.860	O
ATOM	530	CB	SER A	58	30.791	5.115	33.267	C
ATOM	531	OG	SER A	58	32.038	5.069	32.590	O
ATOM	532	H	SER A	58	30.563	7.565	33.558	H
ATOM	533	HG	SER A	58	32.277	5.966	32.345	H
ATOM	534	N	GLY A	59	30.552	4.051	36.326	N

ATOM	535	CA	GLY A	59	29.705	3.352	37.332	C
ATOM	536	C	GLY A	59	30.593	2.569	38.298	C
ATOM	537	O	GLY A	59	31.693	2.976	38.596	O
ATOM	538	H	GLY A	59	31.469	3.745	36.158	H
ATOM	539	N	PRO A	60	30.075	1.466	38.761	N
ATOM	540	CA	PRO A	60	30.826	0.620	39.716	C
ATOM	541	C	PRO A	60	30.784	1.252	41.111	C
ATOM	542	O	PRO A	60	30.374	0.633	42.073	O
ATOM	543	CB	PRO A	60	30.069	-0.704	39.693	C
ATOM	544	CG	PRO A	60	28.677	-0.354	39.263	C
ATOM	545	CD	PRO A	60	28.760	0.907	38.438	C
ATOM	546	N	GLY A	61	31.202	2.484	41.222	N
ATOM	547	CA	GLY A	61	31.184	3.166	42.549	C
ATOM	548	C	GLY A	61	30.365	4.459	42.450	C
ATOM	549	O	GLY A	61	29.880	4.974	43.437	O
ATOM	550	H	GLY A	61	31.527	2.962	40.431	H
ATOM	551	N	CYS A	62	30.205	4.982	41.264	N
ATOM	552	CA	CYS A	62	29.415	6.236	41.092	C
ATOM	553	C	CYS A	62	29.829	7.295	42.122	C
ATOM	554	O	CYS A	62	30.978	7.681	42.203	O
ATOM	555	CB	CYS A	62	29.757	6.714	39.684	C
ATOM	556	SG	CYS A	62	28.234	7.065	38.777	S
ATOM	557	H	CYS A	62	30.600	4.546	40.480	H
ATOM	558	N	LYS A	63	28.895	7.778	42.898	N
ATOM	559	CA	LYS A	63	29.229	8.826	43.910	C
ATOM	560	C	LYS A	63	28.564	10.147	43.520	C
ATOM	561	O	LYS A	63	27.477	10.163	42.981	O
ATOM	562	CB	LYS A	63	28.651	8.328	45.238	C
ATOM	563	CG	LYS A	63	28.838	6.817	45.359	C
ATOM	564	CD	LYS A	63	30.330	6.495	45.457	C
ATOM	565	CE	LYS A	63	30.928	7.227	46.663	C
ATOM	566	NZ	LYS A	63	31.661	6.178	47.427	N
ATOM	567	H	LYS A	63	27.972	7.462	42.809	H
ATOM	568	HZ1	LYS A	63	32.536	6.581	47.818	H
ATOM	569	HZ2	LYS A	63	31.059	5.834	48.204	H
ATOM	570	HZ3	LYS A	63	31.898	5.388	46.795	H

ATOM	571	N	ILE A	64	29.195	11.253	43.790	N
ATOM	572	CA	ILE A	64	28.575	12.559	43.433	C
ATOM	573	C	ILE A	64	29.118	13.670	44.336	C
ATOM	574	O	ILE A	64	30.311	13.860	44.461	O
ATOM	575	CB	ILE A	64	28.965	12.795	41.975	C
ATOM	576	CG1	ILE A	64	28.384	11.670	41.114	C
ATOM	577	CG2	ILE A	64	28.406	14.139	41.507	C
ATOM	578	CD1	ILE A	64	28.479	12.050	39.637	C
ATOM	579	H	ILE A	64	30.071	11.227	44.226	H
ATOM	580	N	SER A	65	28.251	14.408	44.966	N
ATOM	581	CA	SER A	65	28.720	15.506	45.857	C
ATOM	582	C	SER A	65	27.875	16.759	45.624	C
ATOM	583	O	SER A	65	26.752	16.858	46.074	O
ATOM	584	CB	SER A	65	28.537	14.983	47.280	C
ATOM	585	OG	SER A	65	27.869	15.962	48.063	O
ATOM	586	H	SER A	65	27.292	14.242	44.852	H
ATOM	587	HG	SER A	65	28.184	15.887	48.966	H
ATOM	588	N	THR A	66	28.412	17.711	44.916	N
ATOM	589	CA	THR A	66	27.648	18.957	44.638	C
ATOM	590	C	THR A	66	26.472	18.665	43.707	C
ATOM	591	O	THR A	66	25.341	18.540	44.135	O
ATOM	592	CB	THR A	66	27.148	19.444	45.995	C
ATOM	593	OG1	THR A	66	28.089	19.094	47.000	O
ATOM	594	CG2	THR A	66	26.987	20.964	45.946	C
ATOM	595	H	THR A	66	29.318	17.603	44.559	H
ATOM	596	HG1	THR A	66	27.622	18.613	47.688	H
ATOM	597	N	CYS A	67	26.729	18.564	42.435	N
ATOM	598	CA	CYS A	67	25.631	18.288	41.465	C
ATOM	599	C	CYS A	67	25.828	19.142	40.216	C
ATOM	600	O	CYS A	67	26.829	19.041	39.536	O
ATOM	601	CB	CYS A	67	25.756	16.805	41.110	C
ATOM	602	SG	CYS A	67	24.116	16.132	40.738	S
ATOM	603	H	CYS A	67	27.649	18.678	42.114	H
ATOM	604	N	ILE A	68	24.880	19.975	39.897	N
ATOM	605	CA	ILE A	68	25.024	20.814	38.680	C
ATOM	606	C	ILE A	68	24.464	20.044	37.492	C

ATOM	607	O	ILE A	68	23.347	20.250	37.063	O
ATOM	608	CB	ILE A	68	24.213	22.083	38.936	C
ATOM	609	CG1	ILE A	68	24.817	22.860	40.112	C
ATOM	610	CG2	ILE A	68	24.264	22.952	37.683	C
ATOM	611	CD1	ILE A	68	24.575	22.097	41.415	C
ATOM	612	H	ILE A	68	24.074	20.035	40.447	H
ATOM	613	N	ILE A	69	25.238	19.137	36.984	N
ATOM	614	CA	ILE A	69	24.779	18.307	35.841	C
ATOM	615	C	ILE A	69	25.137	18.988	34.516	C
ATOM	616	O	ILE A	69	26.081	19.746	34.432	O
ATOM	617	CB	ILE A	69	25.530	16.981	36.002	C
ATOM	618	CG1	ILE A	69	25.477	16.527	37.472	C
ATOM	619	CG2	ILE A	69	24.880	15.915	35.116	C
ATOM	620	CD1	ILE A	69	26.574	15.495	37.728	C
ATOM	621	H	ILE A	69	26.126	18.992	37.370	H
ATOM	622	N	THR A	70	24.383	18.727	33.482	N
ATOM	623	CA	THR A	70	24.675	19.369	32.165	C
ATOM	624	C	THR A	70	24.226	18.460	31.017	C
ATOM	625	O	THR A	70	23.060	18.401	30.680	O
ATOM	626	CB	THR A	70	23.855	20.659	32.171	C
ATOM	627	OG1	THR A	70	24.473	21.607	33.035	O
ATOM	628	CG2	THR A	70	23.780	21.223	30.750	C
ATOM	629	H	THR A	70	23.622	18.117	33.572	H
ATOM	630	HG1	THR A	70	24.541	22.443	32.566	H
ATOM	631	N	GLY A	71	25.143	17.758	30.410	N
ATOM	632	CA	GLY A	71	24.763	16.863	29.280	C
ATOM	633	C	GLY A	71	24.391	15.484	29.824	C
ATOM	634	O	GLY A	71	23.535	14.806	29.289	O
ATOM	635	H	GLY A	71	26.079	17.822	30.691	H
ATOM	636	N	GLY A	72	25.024	15.063	30.881	N
ATOM	637	CA	GLY A	72	24.700	13.727	31.455	C
ATOM	638	C	GLY A	72	23.400	13.825	32.257	C
ATOM	639	O	GLY A	72	22.780	12.832	32.577	O
ATOM	640	H	GLY A	72	25.709	15.625	31.299	H
ATOM	641	N	VAL A	73	22.979	15.021	32.574	N
ATOM	642	CA	VAL A	73	21.713	15.186	33.345	C

ATOM	643	C	VAL A	73	21.951	16.026	34.605	C
ATOM	644	O	VAL A	73	22.515	17.099	34.534	O
ATOM	645	CB	VAL A	73	20.777	15.929	32.395	C
ATOM	646	CG1	VAL A	73	20.754	15.227	31.037	C
ATOM	647	CG2	VAL A	73	21.279	17.364	32.219	C
ATOM	648	H	VAL A	73	23.491	15.810	32.297	H
ATOM	649	N	PRO A	74	21.497	15.516	35.720	N
ATOM	650	CA	PRO A	74	21.650	16.239	37.005	C
ATOM	651	C	PRO A	74	20.643	17.387	37.088	C
ATOM	652	O	PRO A	74	19.526	17.280	36.622	O
ATOM	653	CB	PRO A	74	21.335	15.181	38.055	C
ATOM	654	CG	PRO A	74	20.466	14.183	37.356	C
ATOM	655	CD	PRO A	74	20.811	14.231	35.887	C
ATOM	656	N	ALAA	75	21.022	18.481	37.688	N
ATOM	657	CA	ALAA	75	20.077	19.626	37.809	C
ATOM	658	C	ALAA	75	19.291	19.510	39.116	C
ATOM	659	O	ALAA	75	19.689	18.798	40.016	O
ATOM	660	CB	ALAA	75	20.962	20.873	37.820	C
ATOM	661	H	ALAA	75	21.925	18.546	38.065	H
ATOM	662	N	PRO A	76	18.199	20.217	39.179	N
ATOM	663	CA	PRO A	76	17.348	20.194	40.394	C
ATOM	664	C	PRO A	76	18.070	20.884	41.554	C
ATOM	665	O	PRO A	76	17.657	21.923	42.028	O
ATOM	666	CB	PRO A	76	16.101	20.970	39.976	C
ATOM	667	CG	PRO A	76	16.557	21.848	38.855	C
ATOM	668	CD	PRO A	76	17.654	21.101	38.143	C
ATOM	669	N	SER A	77	19.149	20.310	42.011	N
ATOM	670	CA	SER A	77	19.905	20.928	43.137	C
ATOM	671	C	SER A	77	19.717	20.110	44.417	C
ATOM	672	O	SER A	77	19.961	18.920	44.447	O
ATOM	673	CB	SER A	77	21.367	20.896	42.691	C
ATOM	674	OG	SER A	77	21.972	22.151	42.971	O
ATOM	675	H	SER A	77	19.465	19.472	41.610	H
ATOM	676	HG	SER A	77	21.721	22.409	43.862	H
ATOM	677	N	ALAA	78	19.289	20.741	45.476	N
ATOM	678	CA	ALAA	78	19.087	20.003	46.755	C

ATOM	679	C	ALA A	78	20.438	19.631	47.373	C
ATOM	680	O	ALA A	78	20.505	19.001	48.409	O
ATOM	681	CB	ALA A	78	18.334	20.979	47.660	C
ATOM	682	H	ALA A	78	19.100	21.702	45.429	H
ATOM	683	N	ALA A	79	21.519	20.024	46.751	N
ATOM	684	CA	ALA A	79	22.861	19.694	47.312	C
ATOM	685	C	ALA A	79	23.402	18.406	46.686	C
ATOM	686	O	ALA A	79	24.225	17.724	47.262	O
ATOM	687	CB	ALA A	79	23.746	20.883	46.939	C
ATOM	688	H	ALA A	79	21.448	20.536	45.919	H
ATOM	689	N	CYS A	80	22.942	18.061	45.514	N
ATOM	690	CA	CYS A	80	23.431	16.810	44.867	C
ATOM	691	C	CYS A	80	22.835	15.594	45.587	C
ATOM	692	O	CYS A	80	21.937	15.725	46.395	O
ATOM	693	CB	CYS A	80	22.946	16.897	43.418	C
ATOM	694	SG	CYS A	80	23.458	15.418	42.510	S
ATOM	695	H	CYS A	80	22.274	18.619	45.063	H
ATOM	696	N	LYS A	81	23.339	14.417	45.327	N
ATOM	697	CA	LYS A	81	22.804	13.214	46.035	C
ATOM	698	C	LYS A	81	21.983	12.319	45.095	C
ATOM	699	O	LYS A	81	20.957	11.792	45.475	O
ATOM	700	CB	LYS A	81	24.056	12.491	46.585	C
ATOM	701	CG	LYS A	81	24.462	11.287	45.710	C
ATOM	702	CD	LYS A	81	25.274	11.766	44.502	C
ATOM	703	CE	LYS A	81	25.017	10.839	43.305	C
ATOM	704	NZ	LYS A	81	25.328	9.470	43.807	N
ATOM	705	H	LYS A	81	24.078	14.327	44.689	H
ATOM	706	HZ1	LYS A	81	26.319	9.431	44.114	H
ATOM	707	HZ2	LYS A	81	24.706	9.246	44.612	H
ATOM	708	HZ3	LYS A	81	25.176	8.778	43.046	H
ATOM	709	N	ILE A	82	22.430	12.121	43.886	N
ATOM	710	CA	ILE A	82	21.670	11.237	42.956	C
ATOM	711	C	ILE A	82	21.289	9.937	43.675	C
ATOM	712	O	ILE A	82	20.151	9.739	44.049	O
ATOM	713	CB	ILE A	82	20.414	12.028	42.587	C
ATOM	714	CG1	ILE A	82	20.815	13.405	42.053	C

ATOM	715	CG2	ILE A	82	19.636	11.271	41.509	C
ATOM	716	CD1	ILE A	82	21.837	13.240	40.929	C
ATOM	717	H	ILE A	82	23.265	12.538	43.596	H
ATOM	718	N	SER A	83	22.232	9.053	43.883	N
ATOM	719	CA	SER A	83	21.904	7.781	44.592	C
ATOM	720	C	SER A	83	22.375	6.567	43.783	C
ATOM	721	O	SER A	83	21.601	5.928	43.098	O
ATOM	722	CB	SER A	83	22.661	7.860	45.917	C
ATOM	723	OG	SER A	83	21.732	8.023	46.981	O
ATOM	724	H	SER A	83	23.151	9.226	43.584	H
ATOM	725	HG	SER A	83	21.848	7.290	47.590	H
ATOM	726	N	GLY A	84	23.635	6.236	43.869	N
ATOM	727	CA	GLY A	84	24.145	5.054	43.116	C
ATOM	728	C	GLY A	84	25.020	5.513	41.948	C
ATOM	729	O	GLY A	84	26.020	4.896	41.632	O
ATOM	730	H	GLY A	84	24.242	6.757	44.434	H
ATOM	731	N	CYS A	85	24.656	6.584	41.297	N
ATOM	732	CA	CYS A	85	25.476	7.062	40.147	C
ATOM	733	C	CYS A	85	24.569	7.361	38.947	C
ATOM	734	O	CYS A	85	23.364	7.218	39.021	O
ATOM	735	CB	CYS A	85	26.164	8.336	40.653	C
ATOM	736	SG	CYS A	85	27.558	8.797	39.578	S
ATOM	737	H	CYS A	85	23.846	7.067	41.559	H
ATOM	738	N	THR A	86	25.135	7.765	37.845	N
ATOM	739	CA	THR A	86	24.311	8.065	36.642	C
ATOM	740	C	THR A	86	25.196	8.659	35.549	C
ATOM	741	O	THR A	86	26.387	8.428	35.509	O
ATOM	742	CB	THR A	86	23.757	6.716	36.196	C
ATOM	743	OG1	THR A	86	23.213	6.839	34.890	O
ATOM	744	CG2	THR A	86	24.882	5.677	36.188	C
ATOM	745	H	THR A	86	26.104	7.866	37.802	H
ATOM	746	HG1	THR A	86	22.257	6.874	34.968	H
ATOM	747	N	PHE A	87	24.624	9.420	34.661	N
ATOM	748	CA	PHE A	87	25.448	10.020	33.570	C
ATOM	749	C	PHE A	87	24.850	9.665	32.211	C
ATOM	750	O	PHE A	87	23.682	9.345	32.098	O

ATOM	751	CB	PHE A	87	25.417	11.547	33.771	C
ATOM	752	CG	PHE A	87	25.038	11.915	35.191	C
ATOM	753	CD1	PHE A	87	25.684	11.312	36.279	C
ATOM	754	CD2	PHE A	87	24.040	12.869	35.409	C
ATOM	755	CE1	PHE A	87	25.327	11.667	37.589	C
ATOM	756	CE2	PHE A	87	23.685	13.221	36.714	C
ATOM	757	CZ	PHE A	87	24.326	12.622	37.803	C
ATOM	758	H	PHE A	87	23.661	9.593	34.707	H
ATOM	759	N	SER A	88	25.639	9.722	31.177	N
ATOM	760	CA	SER A	88	25.120	9.393	29.820	C
ATOM	761	C	SER A	88	25.731	10.342	28.790	C
ATOM	762	O	SER A	88	25.802	10.039	27.616	O
ATOM	763	CB	SER A	88	25.567	7.955	29.559	C
ATOM	764	OG	SER A	88	25.004	7.505	28.335	O
ATOM	765	H	SER A	88	26.576	9.985	31.291	H
ATOM	766	HG	SER A	88	25.641	7.670	27.636	H
ATOM	767	N	ALA A	89	26.178	11.489	29.224	N
ATOM	768	CA	ALA A	89	26.790	12.457	28.271	C
ATOM	769	C	ALA A	89	27.943	11.787	27.520	C
ATOM	770	O	ALA A	89	27.795	11.344	26.398	O
ATOM	771	CB	ALA A	89	25.661	12.830	27.311	C
ATOM	772	H	ALA A	89	26.114	11.713	30.175	H
ATOM	773	N	ASN A	90	29.090	11.700	28.138	N
ATOM	774	CA	ASN A	90	30.253	11.051	27.470	C
ATOM	775	C	ASN A	90	30.725	11.895	26.279	C
ATOM	776	O	ASN A	90	31.781	11.596	25.747	O
ATOM	777	CB	ASN A	90	31.333	10.972	28.558	C
ATOM	778	CG	ASN A	90	32.090	12.298	28.650	C
ATOM	779	OD1	ASN A	90	33.301	12.315	28.743	O
ATOM	780	ND2	ASN A	90	31.422	13.421	28.629	N
ATOM	781	OXT	ASN A	90	30.021	12.825	25.922	O
ATOM	782	H	ASN A	90	29.184	12.059	29.046	H
ATOM	783	HD2	ASN A	90	30.445	13.406	28.554	H
ATOM	784	HD2	ASN A	90	31.898	14.276	28.687	H
TER	785		ASP A	1				
ENDMOL								

sbwAFP with binding conformation B

ATOM	1	N	ASP A	1	18.522	67.683	28.339	N
ATOM	2	CA	ASP A	1	17.788	67.354	29.595	C
ATOM	3	C	ASP A	1	16.748	66.262	29.329	C
ATOM	4	O	ASP A	1	15.558	66.512	29.326	O
ATOM	5	CB	ASP A	1	18.860	66.849	30.560	C
ATOM	6	CG	ASP A	1	19.311	67.994	31.467	C
ATOM	7	OD1	ASP A	1	18.495	68.471	32.237	O
ATOM	8	OD2	ASP A	1	20.467	68.374	31.379	O
ATOM	9	H1	ASP A	1	17.854	68.056	27.635	H
ATOM	10	H2	ASP A	1	19.249	68.399	28.541	H
ATOM	11	H3	ASP A	1	18.973	66.824	27.966	H
ATOM	12	N	GLY A	2	17.188	65.053	29.110	N
ATOM	13	CA	GLY A	2	16.226	63.947	28.846	C
ATOM	14	C	GLY A	2	15.964	63.175	30.140	C
ATOM	15	O	GLY A	2	16.715	63.266	31.091	O
ATOM	16	H	GLY A	2	18.151	64.874	29.119	H
ATOM	17	N	SER A	3	14.904	62.416	30.184	N
ATOM	18	CA	SER A	3	14.592	61.638	31.418	C
ATOM	19	C	SER A	3	15.846	60.918	31.922	C
ATOM	20	O	SER A	3	16.784	60.693	31.182	O
ATOM	21	CB	SER A	3	14.128	62.679	32.436	C
ATOM	22	OG	SER A	3	12.924	62.234	33.044	O
ATOM	23	H	SER A	3	14.311	62.357	29.406	H
ATOM	24	HG	SER A	3	12.949	61.276	33.086	H
ATOM	25	N	CYS A	4	15.869	60.554	33.175	N
ATOM	26	CA	CYS A	4	17.062	59.849	33.728	C
ATOM	27	C	CYS A	4	17.221	58.479	33.060	C
ATOM	28	O	CYS A	4	16.980	58.325	31.880	O
ATOM	29	CB	CYS A	4	18.249	60.753	33.395	C
ATOM	30	SG	CYS A	4	19.032	61.310	34.929	S
ATOM	31	H	CYS A	4	15.103	60.746	33.755	H
ATOM	32	N	THR A	5	17.637	57.491	33.806	N
ATOM	33	CA	THR A	5	17.821	56.131	33.224	C
ATOM	34	C	THR A	5	18.593	55.259	34.209	C

ATOM	35	O	THR A	5	18.019	54.521	34.983	O
ATOM	36	CB	THR A	5	16.415	55.568	33.012	C
ATOM	37	OG1	THR A	5	15.669	56.443	32.177	O
ATOM	38	CG2	THR A	5	16.517	54.190	32.352	C
ATOM	39	H	THR A	5	17.838	57.644	34.754	H
ATOM	40	HG1	THR A	5	15.759	56.139	31.272	H
ATOM	41	N	ASN A	6	19.890	55.349	34.188	N
ATOM	42	CA	ASN A	6	20.715	54.537	35.124	C
ATOM	43	C	ASN A	6	20.502	53.041	34.850	C
ATOM	44	O	ASN A	6	21.356	52.366	34.313	O
ATOM	45	CB	ASN A	6	22.148	54.971	34.818	C
ATOM	46	CG	ASN A	6	22.419	54.832	33.318	C
ATOM	47	OD1	ASN A	6	21.942	53.913	32.683	O
ATOM	48	ND2	ASN A	6	23.170	55.719	32.720	N
ATOM	49	H	ASN A	6	20.326	55.960	33.559	H
ATOM	50	HD2	ASN A	6	23.552	56.461	33.232	H
ATOM	51	HD2	ASN A	6	23.349	55.639	31.760	H
ATOM	52	N	THR A	7	19.354	52.529	35.216	N
ATOM	53	CA	THR A	7	19.047	51.084	34.985	C
ATOM	54	C	THR A	7	18.846	50.814	33.491	C
ATOM	55	O	THR A	7	18.629	49.692	33.082	O
ATOM	56	CB	THR A	7	20.258	50.312	35.514	C
ATOM	57	OG1	THR A	7	20.676	50.875	36.750	O
ATOM	58	CG2	THR A	7	19.876	48.848	35.720	C
ATOM	59	H	THR A	7	18.683	53.103	35.642	H
ATOM	60	HG1	THR A	7	19.919	50.890	37.339	H
ATOM	61	N	ASN A	8	18.912	51.837	32.681	N
ATOM	62	CA	ASN A	8	18.725	51.655	31.211	C
ATOM	63	C	ASN A	8	18.975	52.983	30.493	C
ATOM	64	O	ASN A	8	18.388	53.269	29.470	O
ATOM	65	CB	ASN A	8	19.779	50.630	30.793	C
ATOM	66	CG	ASN A	8	19.743	50.453	29.277	C
ATOM	67	OD1	ASN A	8	20.739	50.115	28.669	O
ATOM	68	ND2	ASN A	8	18.628	50.669	28.636	N
ATOM	69	H	ASN A	8	19.085	52.732	33.040	H
ATOM	70	HD2	ASN A	8	17.826	50.940	29.129	H

ATOM	71	HD2	ASN	A	8	18.592	50.558	27.664	H
ATOM	72	N	SER	A	9	19.848	53.793	31.032	N
ATOM	73	CA	SER	A	9	20.158	55.111	30.405	C
ATOM	74	C	SER	A	9	21.007	54.933	29.148	C
ATOM	75	O	SER	A	9	20.551	54.427	28.141	O
ATOM	76	CB	SER	A	9	18.805	55.729	30.052	C
ATOM	77	OG	SER	A	9	18.827	57.115	30.365	O
ATOM	78	H	SER	A	9	20.304	53.530	31.859	H
ATOM	79	HG	SER	A	9	18.332	57.582	29.687	H
ATOM	80	N	GLN	A	10	22.239	55.360	29.199	N
ATOM	81	CA	GLN	A	10	23.119	55.236	28.008	C
ATOM	82	C	GLN	A	10	23.962	56.501	27.863	C
ATOM	83	O	GLN	A	10	25.092	56.461	27.418	O
ATOM	84	CB	GLN	A	10	24.008	54.026	28.286	C
ATOM	85	CG	GLN	A	10	24.117	53.191	27.014	C
ATOM	86	CD	GLN	A	10	24.972	51.952	27.284	C
ATOM	87	OE1	GLN	A	10	26.025	51.787	26.698	O
ATOM	88	NE2	GLN	A	10	24.563	51.068	28.151	N
ATOM	89	H	GLN	A	10	22.581	55.774	30.020	H
ATOM	90	HE2	GLN	A	10	23.715	51.200	28.623	H
ATOM	91	HE2	GLN	A	10	25.103	50.271	28.332	H
ATOM	92	N	LEU	A	11	23.418	57.623	28.237	N
ATOM	93	CA	LEU	A	11	24.186	58.893	28.123	C
ATOM	94	C	LEU	A	11	24.816	58.998	26.735	C
ATOM	95	O	LEU	A	11	24.126	59.104	25.740	O
ATOM	96	CB	LEU	A	11	23.157	60.007	28.328	C
ATOM	97	CG	LEU	A	11	22.911	60.234	29.824	C
ATOM	98	CD1	LEU	A	11	24.244	60.330	30.567	C
ATOM	99	CD2	LEU	A	11	22.099	59.068	30.390	C
ATOM	100	H	LEU	A	11	22.506	57.631	28.593	H
ATOM	101	N	SER	A	12	26.120	58.958	26.671	N
ATOM	102	CA	SER	A	12	26.830	59.048	25.357	C
ATOM	103	C	SER	A	12	26.060	59.943	24.378	C
ATOM	104	O	SER	A	12	25.539	59.477	23.382	O
ATOM	105	CB	SER	A	12	28.186	59.667	25.687	C
ATOM	106	OG	SER	A	12	28.014	61.047	25.980	O

ATOM	107	H	SER A	12	26.640	58.860	27.498	H
ATOM	108	HG	SER A	12	27.741	61.123	26.898	H
ATOM	109	N	ALA A	13	25.979	61.218	24.648	N
ATOM	110	CA	ALA A	13	25.237	62.125	23.724	C
ATOM	111	C	ALA A	13	25.274	63.568	24.236	C
ATOM	112	O	ALA A	13	24.343	64.326	24.045	O
ATOM	113	CB	ALA A	13	25.968	62.011	22.387	C
ATOM	114	H	ALA A	13	26.402	61.577	25.455	H
ATOM	115	N	ASN A	14	26.340	63.958	24.880	N
ATOM	116	CA	ASN A	14	26.427	65.355	25.395	C
ATOM	117	C	ASN A	14	26.446	65.358	26.925	C
ATOM	118	O	ASN A	14	26.783	66.345	27.550	O
ATOM	119	CB	ASN A	14	27.743	65.900	24.841	C
ATOM	120	CG	ASN A	14	28.856	64.874	25.060	C
ATOM	121	OD1	ASN A	14	28.747	64.017	25.915	O
ATOM	122	ND2	ASN A	14	29.930	64.928	24.322	N
ATOM	123	H	ASN A	14	27.083	63.334	25.022	H
ATOM	124	HD2	ASN A	14	30.018	65.619	23.633	H
ATOM	125	HD2	ASN A	14	30.648	64.274	24.453	H
ATOM	126	N	SER A	15	26.085	64.265	27.535	N
ATOM	127	CA	SER A	15	26.082	64.208	29.025	C
ATOM	128	C	SER A	15	24.987	65.117	29.588	C
ATOM	129	O	SER A	15	24.361	65.872	28.870	O
ATOM	130	CB	SER A	15	25.787	62.749	29.366	C
ATOM	131	OG	SER A	15	25.423	62.658	30.736	O
ATOM	132	H	SER A	15	25.815	63.479	27.013	H
ATOM	133	HG	SER A	15	24.484	62.848	30.806	H
ATOM	134	N	LYS A	16	24.749	65.044	30.869	N
ATOM	135	CA	LYS A	16	23.692	65.896	31.482	C
ATOM	136	C	LYS A	16	22.981	65.126	32.600	C
ATOM	137	O	LYS A	16	23.594	64.379	33.336	O
ATOM	138	CB	LYS A	16	24.434	67.106	32.054	C
ATOM	139	CG	LYS A	16	23.682	68.386	31.686	C
ATOM	140	CD	LYS A	16	23.484	69.241	32.940	C
ATOM	141	CE	LYS A	16	22.727	70.519	32.571	C
ATOM	142	NZ	LYS A	16	23.688	71.313	31.758	N

ATOM	143	H	LYS A	16	25.263	64.425	31.428	H
ATOM	144	HZ1	LYS A	16	23.399	72.311	31.757	H
ATOM	145	HZ2	LYS A	16	24.641	71.228	32.167	H
ATOM	146	HZ3	LYS A	16	23.695	70.955	30.782	H
ATOM	147	N	CYS A	17	21.696	65.302	32.729	N
ATOM	148	CA	CYS A	17	20.947	64.579	33.797	C
ATOM	149	C	CYS A	17	19.698	65.370	34.188	C
ATOM	150	O	CYS A	17	18.895	65.733	33.352	O
ATOM	151	CB	CYS A	17	20.563	63.238	33.171	C
ATOM	152	SG	CYS A	17	20.875	61.906	34.356	S
ATOM	153	H	CYS A	17	21.222	65.910	32.124	H
ATOM	154	N	GLU A	18	19.528	65.643	35.454	N
ATOM	155	CA	GLU A	18	18.333	66.415	35.893	C
ATOM	156	C	GLU A	18	17.577	65.654	36.986	C
ATOM	157	O	GLU A	18	16.382	65.449	36.900	O
ATOM	158	CB	GLU A	18	18.891	67.728	36.443	C
ATOM	159	CG	GLU A	18	18.781	68.817	35.375	C
ATOM	160	CD	GLU A	18	17.432	69.526	35.507	C
ATOM	161	OE1	GLU A	18	16.694	69.187	36.418	O
ATOM	162	OE2	GLU A	18	17.159	70.396	34.697	O
ATOM	163	H	GLU A	18	20.189	65.344	36.112	H
ATOM	164	N	LYS A	19	18.262	65.238	38.017	N
ATOM	165	CA	LYS A	19	17.575	64.495	39.114	C
ATOM	166	C	LYS A	19	18.596	63.736	39.964	C
ATOM	167	O	LYS A	19	18.660	63.900	41.168	O
ATOM	168	CB	LYS A	19	16.883	65.573	39.947	C
ATOM	169	CG	LYS A	19	17.937	66.506	40.547	C
ATOM	170	CD	LYS A	19	17.547	66.861	41.982	C
ATOM	171	CE	LYS A	19	16.528	68.003	41.966	C
ATOM	172	NZ	LYS A	19	15.427	67.548	42.861	N
ATOM	173	H	LYS A	19	19.223	65.414	38.071	H
ATOM	174	HZ1	LYS A	19	15.828	67.035	43.671	H
ATOM	175	HZ2	LYS A	19	14.895	68.376	43.203	H
ATOM	176	HZ3	LYS A	19	14.790	66.919	42.335	H
ATOM	177	N	SER A	20	19.394	62.904	39.352	N
ATOM	178	CA	SER A	20	20.407	62.135	40.130	C

ATOM	179	C	SER A	20	19.915	60.703	40.361	C
ATOM	180	O	SER A	20	18.784	60.370	40.068	O
ATOM	181	CB	SER A	20	21.663	62.137	39.261	C
ATOM	182	OG	SER A	20	21.513	61.183	38.217	O
ATOM	183	H	SER A	20	19.325	62.784	38.382	H
ATOM	184	HG	SER A	20	20.959	61.573	37.536	H
ATOM	185	N	THR A	21	20.755	59.853	40.884	N
ATOM	186	CA	THR A	21	20.334	58.445	41.132	C
ATOM	187	C	THR A	21	21.427	57.479	40.665	C
ATOM	188	O	THR A	21	22.013	56.762	41.450	O
ATOM	189	CB	THR A	21	20.142	58.350	42.647	C
ATOM	190	OG1	THR A	21	19.513	59.535	43.117	O
ATOM	191	CG2	THR A	21	19.267	57.141	42.979	C
ATOM	192	H	THR A	21	21.664	60.141	41.114	H
ATOM	193	HG1	THR A	21	19.439	59.473	44.071	H
ATOM	194	N	LEU A	22	21.706	57.461	39.390	N
ATOM	195	CA	LEU A	22	22.764	56.547	38.869	C
ATOM	196	C	LEU A	22	22.225	55.120	38.741	C
ATOM	197	O	LEU A	22	21.083	54.846	39.053	O
ATOM	198	CB	LEU A	22	23.127	57.104	37.488	C
ATOM	199	CG	LEU A	22	23.238	58.632	37.540	C
ATOM	200	CD1	LEU A	22	24.096	59.108	36.367	C
ATOM	201	CD2	LEU A	22	23.897	59.072	38.851	C
ATOM	202	H	LEU A	22	21.224	58.051	38.774	H
ATOM	203	N	THR A	23	23.039	54.211	38.276	N
ATOM	204	CA	THR A	23	22.577	52.801	38.118	C
ATOM	205	C	THR A	23	23.544	52.030	37.214	C
ATOM	206	O	THR A	23	24.713	51.891	37.513	O
ATOM	207	CB	THR A	23	22.587	52.215	39.530	C
ATOM	208	OG1	THR A	23	21.560	52.829	40.301	O
ATOM	209	CG2	THR A	23	22.351	50.703	39.455	C
ATOM	210	H	THR A	23	23.954	54.457	38.027	H
ATOM	211	HG1	THR A	23	20.964	52.143	40.610	H
ATOM	212	N	ASN A	24	23.066	51.533	36.107	N
ATOM	213	CA	ASN A	24	23.958	50.776	35.183	C
ATOM	214	C	ASN A	24	25.130	51.660	34.752	C

ATOM	215	O	ASN A	24	26.270	51.241	34.757	O
ATOM	216	CB	ASN A	24	24.461	49.583	35.996	C
ATOM	217	CG	ASN A	24	23.555	48.376	35.746	C
ATOM	218	OD1	ASN A	24	23.023	47.800	36.673	O
ATOM	219	ND2	ASN A	24	23.354	47.969	34.523	N
ATOM	220	H	ASN A	24	22.121	51.659	35.881	H
ATOM	221	HD2	ASN A	24	23.783	48.435	33.775	H
ATOM	222	HD2	ASN A	24	22.775	47.197	34.352	H
ATOM	223	N	CYS A	25	24.859	52.881	34.385	N
ATOM	224	CA	CYS A	25	25.961	53.788	33.963	C
ATOM	225	C	CYS A	25	25.954	53.982	32.446	C
ATOM	226	O	CYS A	25	25.460	53.164	31.696	O
ATOM	227	CB	CYS A	25	25.680	55.123	34.659	C
ATOM	228	SG	CYS A	25	27.086	55.569	35.710	S
ATOM	229	H	CYS A	25	23.933	53.203	34.391	H
ATOM	230	N	TYR A	26	26.501	55.076	32.007	N
ATOM	231	CA	TYR A	26	26.553	55.388	30.556	C
ATOM	232	C	TYR A	26	26.962	56.849	30.417	C
ATOM	233	O	TYR A	26	26.423	57.595	29.625	O
ATOM	234	CB	TYR A	26	27.623	54.454	29.984	C
ATOM	235	CG	TYR A	26	28.097	54.979	28.650	C
ATOM	236	CD1	TYR A	26	29.077	55.978	28.598	C
ATOM	237	CD2	TYR A	26	27.559	54.464	27.465	C
ATOM	238	CE1	TYR A	26	29.519	56.460	27.360	C
ATOM	239	CE2	TYR A	26	28.001	54.948	26.228	C
ATOM	240	CZ	TYR A	26	28.981	55.945	26.175	C
ATOM	241	OH	TYR A	26	29.417	56.421	24.956	O
ATOM	242	H	TYR A	26	26.884	55.711	32.647	H
ATOM	243	HH	TYR A	26	29.359	57.379	24.974	H
ATOM	244	N	VAL A	27	27.895	57.257	31.231	N
ATOM	245	CA	VAL A	27	28.353	58.672	31.229	C
ATOM	246	C	VAL A	27	28.799	59.122	29.834	C
ATOM	247	O	VAL A	27	28.307	58.666	28.823	O
ATOM	248	CB	VAL A	27	27.135	59.467	31.692	C
ATOM	249	CG1	VAL A	27	27.559	60.902	32.018	C
ATOM	250	CG2	VAL A	27	26.541	58.804	32.946	C

ATOM	251	H	VAL A	27	28.278	56.629	31.873	H
ATOM	252	N	ASP A	28	29.734	60.029	29.793	N
ATOM	253	CA	ASP A	28	30.238	60.551	28.490	C
ATOM	254	C	ASP A	28	30.842	61.938	28.710	C
ATOM	255	O	ASP A	28	31.742	62.110	29.509	O
ATOM	256	CB	ASP A	28	31.311	59.556	28.047	C
ATOM	257	CG	ASP A	28	31.423	59.569	26.521	C
ATOM	258	OD1	ASP A	28	31.527	60.650	25.966	O
ATOM	259	OD2	ASP A	28	31.404	58.500	25.936	O
ATOM	260	H	ASP A	28	30.104	60.380	30.630	H
ATOM	261	N	LYS A	29	30.354	62.935	28.027	N
ATOM	262	CA	LYS A	29	30.906	64.305	28.228	C
ATOM	263	C	LYS A	29	30.955	64.621	29.726	C
ATOM	264	O	LYS A	29	31.989	64.957	30.266	O
ATOM	265	CB	LYS A	29	32.319	64.254	27.645	C
ATOM	266	CG	LYS A	29	32.245	63.951	26.147	C
ATOM	267	CD	LYS A	29	33.594	63.413	25.667	C
ATOM	268	CE	LYS A	29	34.529	64.582	25.347	C
ATOM	269	NZ	LYS A	29	34.457	64.740	23.867	N
ATOM	270	H	LYS A	29	29.619	62.786	27.393	H
ATOM	271	HZ1	LYS A	29	33.569	64.331	23.516	H
ATOM	272	HZ2	LYS A	29	34.493	65.752	23.624	H
ATOM	273	HZ3	LYS A	29	35.261	64.248	23.426	H
ATOM	274	N	SER A	30	29.845	64.509	30.404	N
ATOM	275	CA	SER A	30	29.835	64.796	31.868	C
ATOM	276	C	SER A	30	28.529	65.486	32.268	C
ATOM	277	O	SER A	30	27.703	65.806	31.435	O
ATOM	278	CB	SER A	30	29.942	63.426	32.536	C
ATOM	279	OG	SER A	30	31.251	62.908	32.334	O
ATOM	280	H	SER A	30	29.022	64.231	29.953	H
ATOM	281	HG	SER A	30	31.315	62.609	31.424	H
ATOM	282	N	GLU A	31	28.336	65.722	33.539	N
ATOM	283	CA	GLU A	31	27.085	66.395	33.991	C
ATOM	284	C	GLU A	31	26.411	65.589	35.106	C
ATOM	285	O	GLU A	31	25.337	65.049	34.931	O
ATOM	286	CB	GLU A	31	27.539	67.759	34.516	C

ATOM	287	CG	GLU A	31	27.578	68.763	33.362	C
ATOM	288	CD	GLU A	31	28.635	69.832	33.649	C
ATOM	289	OE1	GLU A	31	28.303	70.802	34.310	O
ATOM	290	OE2	GLU A	31	29.758	69.661	33.202	O
ATOM	291	H	GLU A	31	29.016	65.459	34.194	H
ATOM	292	N	VAL A	32	27.030	65.507	36.253	N
ATOM	293	CA	VAL A	32	26.420	64.740	37.380	C
ATOM	294	C	VAL A	32	25.092	65.374	37.795	C
ATOM	295	O	VAL A	32	24.434	66.032	37.012	O
ATOM	296	CB	VAL A	32	26.200	63.330	36.834	C
ATOM	297	CG1	VAL A	32	25.889	62.381	37.993	C
ATOM	298	CG2	VAL A	32	27.468	62.859	36.120	C
ATOM	299	H	VAL A	32	27.893	65.954	36.376	H
ATOM	300	N	TYR A	33	24.696	65.188	39.025	N
ATOM	301	CA	TYR A	33	23.414	65.787	39.495	C
ATOM	302	C	TYR A	33	22.790	64.913	40.589	C
ATOM	303	O	TYR A	33	21.601	64.672	40.601	O
ATOM	304	CB	TYR A	33	23.802	67.154	40.058	C
ATOM	305	CG	TYR A	33	23.838	68.167	38.939	C
ATOM	306	CD1	TYR A	33	22.678	68.868	38.592	C
ATOM	307	CD2	TYR A	33	25.034	68.405	38.249	C
ATOM	308	CE1	TYR A	33	22.712	69.807	37.554	C
ATOM	309	CE2	TYR A	33	25.067	69.343	37.211	C
ATOM	310	CZ	TYR A	33	23.907	70.044	36.863	C
ATOM	311	OH	TYR A	33	23.940	70.970	35.840	O
ATOM	312	H	TYR A	33	25.244	64.660	39.640	H
ATOM	313	HH	TYR A	33	23.636	71.810	36.191	H
ATOM	314	N	GLY A	34	23.587	64.439	41.508	N
ATOM	315	CA	GLY A	34	23.042	63.582	42.599	C
ATOM	316	C	GLY A	34	23.993	62.411	42.850	C
ATOM	317	O	GLY A	34	24.039	61.857	43.930	O
ATOM	318	H	GLY A	34	24.545	64.646	41.480	H
ATOM	319	N	THR A	35	24.756	62.036	41.862	N
ATOM	320	CA	THR A	35	25.709	60.903	42.043	C
ATOM	321	C	THR A	35	24.954	59.573	42.123	C
ATOM	322	O	THR A	35	23.890	59.417	41.558	O

ATOM	323	CB	THR A	35	26.603	60.937	40.802	C
ATOM	324	OG1	THR A	35	27.498	62.035	40.894	O
ATOM	325	CG2	THR A	35	27.398	59.633	40.711	C
ATOM	326	H	THR A	35	24.705	62.500	41.000	H
ATOM	327	HG1	THR A	35	26.987	62.843	40.804	H
ATOM	328	N	THR A	36	25.501	58.612	42.816	N
ATOM	329	CA	THR A	36	24.820	57.290	42.927	C
ATOM	330	C	THR A	36	25.589	56.238	42.122	C
ATOM	331	O	THR A	36	25.990	55.216	42.641	O
ATOM	332	CB	THR A	36	24.844	56.951	44.419	C
ATOM	333	OG1	THR A	36	24.250	58.012	45.153	O
ATOM	334	CG2	THR A	36	24.065	55.658	44.664	C
ATOM	335	H	THR A	36	26.362	58.758	43.260	H
ATOM	336	HG1	THR A	36	23.604	58.443	44.585	H
ATOM	337	N	CYS A	37	25.796	56.486	40.857	N
ATOM	338	CA	CYS A	37	26.540	55.509	40.007	C
ATOM	339	C	CYS A	37	26.125	54.077	40.355	C
ATOM	340	O	CYS A	37	24.970	53.799	40.603	O
ATOM	341	CB	CYS A	37	26.139	55.855	38.573	C
ATOM	342	SG	CYS A	37	26.752	54.582	37.441	S
ATOM	343	H	CYS A	37	25.465	57.319	40.463	H
ATOM	344	N	THR A	38	27.061	53.167	40.374	N
ATOM	345	CA	THR A	38	26.721	51.752	40.706	C
ATOM	346	C	THR A	38	27.174	50.828	39.573	C
ATOM	347	O	THR A	38	27.223	49.624	39.721	O
ATOM	348	CB	THR A	38	27.494	51.449	41.990	C
ATOM	349	OG1	THR A	38	27.052	52.321	43.023	O
ATOM	350	CG2	THR A	38	27.253	49.996	42.404	C
ATOM	351	H	THR A	38	27.987	53.413	40.173	H
ATOM	352	HG1	THR A	38	27.026	51.822	43.842	H
ATOM	353	N	GLY A	39	27.508	51.388	38.445	N
ATOM	354	CA	GLY A	39	27.960	50.557	37.298	C
ATOM	355	C	GLY A	39	29.289	51.105	36.773	C
ATOM	356	O	GLY A	39	30.256	50.385	36.625	O
ATOM	357	H	GLY A	39	27.461	52.359	38.350	H
ATOM	358	N	SER A	40	29.342	52.381	36.494	N

ATOM	359	CA	SER A	40	30.608	52.984	35.982	C
ATOM	360	C	SER A	40	30.313	53.904	34.793	C
ATOM	361	O	SER A	40	29.219	53.920	34.264	O
ATOM	362	CB	SER A	40	31.163	53.789	37.155	C
ATOM	363	OG	SER A	40	30.896	53.096	38.368	O
ATOM	364	H	SER A	40	28.551	52.943	36.625	H
ATOM	365	HG	SER A	40	31.413	53.508	39.063	H
ATOM	366	N	ARG A	41	31.281	54.671	34.371	N
ATOM	367	CA	ARG A	41	31.057	55.589	33.216	C
ATOM	368	C	ARG A	41	31.892	56.863	33.384	C
ATOM	369	O	ARG A	41	32.734	56.954	34.257	O
ATOM	370	CB	ARG A	41	31.520	54.804	31.989	C
ATOM	371	CG	ARG A	41	33.049	54.738	31.967	C
ATOM	372	CD	ARG A	41	33.588	55.743	30.945	C
ATOM	373	NE	ARG A	41	34.888	55.171	30.493	N
ATOM	374	CZ	ARG A	41	35.235	55.251	29.237	C
ATOM	375	NH1	ARG A	41	34.356	55.012	28.302	N
ATOM	376	NH2	ARG A	41	36.458	55.567	28.917	N
ATOM	377	H	ARG A	41	32.156	54.643	34.812	H
ATOM	378	HE	ARG A	41	35.482	54.734	31.138	H
ATOM	379	HH1	ARG A	41	33.418	54.767	28.547	H
ATOM	380	HH1	ARG A	41	34.621	55.074	27.339	H
ATOM	381	HH2	ARG A	41	37.132	55.748	29.633	H
ATOM	382	HH2	ARG A	41	36.724	55.630	27.955	H
ATOM	383	N	PHE A	42	31.669	57.845	32.555	N
ATOM	384	CA	PHE A	42	32.453	59.110	32.665	C
ATOM	385	C	PHE A	42	33.004	59.509	31.293	C
ATOM	386	O	PHE A	42	32.759	58.851	30.302	O
ATOM	387	CB	PHE A	42	31.457	60.155	33.167	C
ATOM	388	CG	PHE A	42	30.818	59.667	34.445	C
ATOM	389	CD1	PHE A	42	31.605	59.080	35.443	C
ATOM	390	CD2	PHE A	42	29.436	59.800	34.630	C
ATOM	391	CE1	PHE A	42	31.011	58.626	36.627	C
ATOM	392	CE2	PHE A	42	28.842	59.346	35.813	C
ATOM	393	CZ	PHE A	42	29.629	58.760	36.810	C
ATOM	394	H	PHE A	42	30.988	57.752	31.857	H

ATOM	395	N	ASP A	43	33.744	60.580	31.230	N
ATOM	396	CA	ASP A	43	34.308	61.017	29.921	C
ATOM	397	C	ASP A	43	34.911	62.416	30.046	C
ATOM	398	O	ASP A	43	36.105	62.603	29.919	O
ATOM	399	CB	ASP A	43	35.394	59.991	29.593	C
ATOM	400	CG	ASP A	43	35.329	59.637	28.105	C
ATOM	401	OD1	ASP A	43	35.439	60.544	27.296	O
ATOM	402	OD2	ASP A	43	35.169	58.467	27.801	O
ATOM	403	H	ASP A	43	33.930	61.097	32.042	H
ATOM	404	N	GLY A	44	34.092	63.400	30.293	N
ATOM	405	CA	GLY A	44	34.617	64.786	30.422	C
ATOM	406	C	GLY A	44	34.670	65.177	31.896	C
ATOM	407	O	GLY A	44	35.674	65.656	32.382	O
ATOM	408	H	GLY A	44	33.133	63.228	30.389	H
ATOM	409	N	VAL A	45	33.610	64.974	32.623	N
ATOM	410	CA	VAL A	45	33.648	65.335	34.068	C
ATOM	411	C	VAL A	45	32.494	66.275	34.428	C
ATOM	412	O	VAL A	45	31.722	66.690	33.587	O
ATOM	413	CB	VAL A	45	33.535	64.002	34.832	C
ATOM	414	CG1	VAL A	45	34.205	62.882	34.028	C
ATOM	415	CG2	VAL A	45	32.063	63.648	35.062	C
ATOM	416	H	VAL A	45	32.802	64.578	32.230	H
ATOM	417	N	THR A	46	32.384	66.602	35.681	N
ATOM	418	CA	THR A	46	31.297	67.508	36.139	C
ATOM	419	C	THR A	46	30.982	67.206	37.602	C
ATOM	420	O	THR A	46	31.042	68.070	38.454	O
ATOM	421	CB	THR A	46	31.876	68.912	35.991	C
ATOM	422	OG1	THR A	46	32.127	69.178	34.618	O
ATOM	423	CG2	THR A	46	30.883	69.939	36.540	C
ATOM	424	H	THR A	46	33.024	66.247	36.333	H
ATOM	425	HG1	THR A	46	32.822	69.839	34.566	H
ATOM	426	N	ILE A	47	30.670	65.976	37.903	N
ATOM	427	CA	ILE A	47	30.377	65.605	39.314	C
ATOM	428	C	ILE A	47	28.930	65.949	39.680	C
ATOM	429	O	ILE A	47	28.148	66.364	38.850	O
ATOM	430	CB	ILE A	47	30.612	64.093	39.374	C

ATOM	431	CG1	ILE A	47	30.334	63.583	40.791	C
ATOM	432	CG2	ILE A	47	29.679	63.389	38.387	C
ATOM	433	CD1	ILE A	47	31.065	62.257	41.010	C
ATOM	434	H	ILE A	47	30.645	65.291	37.201	H
ATOM	435	N	THR A	48	28.577	65.785	40.925	N
ATOM	436	CA	THR A	48	27.188	66.097	41.367	C
ATOM	437	C	THR A	48	26.778	65.121	42.479	C
ATOM	438	O	THR A	48	27.033	63.937	42.394	O
ATOM	439	CB	THR A	48	27.260	67.533	41.892	C
ATOM	440	OG1	THR A	48	28.266	67.619	42.893	O
ATOM	441	CG2	THR A	48	27.597	68.479	40.736	C
ATOM	442	H	THR A	48	29.229	65.457	41.578	H
ATOM	443	HG1	THR A	48	28.808	68.390	42.709	H
ATOM	444	N	THR A	49	26.155	65.603	43.518	N
ATOM	445	CA	THR A	49	25.748	64.691	44.625	C
ATOM	446	C	THR A	49	26.973	63.980	45.196	C
ATOM	447	O	THR A	49	27.518	64.392	46.196	O
ATOM	448	CB	THR A	49	25.146	65.606	45.687	C
ATOM	449	OG1	THR A	49	24.011	66.273	45.151	O
ATOM	450	CG2	THR A	49	24.732	64.773	46.899	C
ATOM	451	H	THR A	49	25.961	66.559	43.578	H
ATOM	452	HG1	THR A	49	24.180	66.445	44.222	H
ATOM	453	N	SER A	50	27.417	62.923	44.578	N
ATOM	454	CA	SER A	50	28.616	62.212	45.110	C
ATOM	455	C	SER A	50	28.468	60.699	44.952	C
ATOM	456	O	SER A	50	27.896	60.217	43.994	O
ATOM	457	CB	SER A	50	29.779	62.725	44.262	C
ATOM	458	OG	SER A	50	30.958	62.008	44.601	O
ATOM	459	H	SER A	50	26.970	62.598	43.768	H
ATOM	460	HG	SER A	50	30.980	61.206	44.074	H
ATOM	461	N	THR A	51	28.986	59.941	45.881	N
ATOM	462	CA	THR A	51	28.876	58.458	45.772	C
ATOM	463	C	THR A	51	30.168	57.873	45.200	C
ATOM	464	O	THR A	51	31.250	58.138	45.683	O
ATOM	465	CB	THR A	51	28.661	57.962	47.200	C
ATOM	466	OG1	THR A	51	28.193	59.032	48.008	O

ATOM	467	CG2	THR	A	51	27.636	56.827	47.203	C
ATOM	468	H	THR	A	51	29.448	60.346	46.648	H
ATOM	469	HG1	THR	A	51	28.263	58.762	48.927	H
ATOM	470	N	SER	A	52	30.061	57.073	44.177	N
ATOM	471	CA	SER	A	52	31.280	56.462	43.570	C
ATOM	472	C	SER	A	52	30.996	55.013	43.161	C
ATOM	473	O	SER	A	52	30.018	54.728	42.498	O
ATOM	474	CB	SER	A	52	31.581	57.316	42.339	C
ATOM	475	OG	SER	A	52	31.074	56.664	41.182	O
ATOM	476	H	SER	A	52	29.178	56.875	43.807	H
ATOM	477	HG	SER	A	52	31.491	57.059	40.412	H
ATOM	478	N	THR	A	53	31.845	54.099	43.545	N
ATOM	479	CA	THR	A	53	31.619	52.671	43.169	C
ATOM	480	C	THR	A	53	32.601	52.261	42.071	C
ATOM	481	O	THR	A	53	33.775	52.065	42.316	O
ATOM	482	CB	THR	A	53	31.883	51.877	44.449	C
ATOM	483	OG1	THR	A	53	31.511	52.659	45.575	O
ATOM	484	CG2	THR	A	53	31.064	50.585	44.428	C
ATOM	485	H	THR	A	53	32.631	54.348	44.077	H
ATOM	486	HG1	THR	A	53	31.733	52.162	46.367	H
ATOM	487	N	GLY	A	54	32.136	52.139	40.858	N
ATOM	488	CA	GLY	A	54	33.054	51.750	39.750	C
ATOM	489	C	GLY	A	54	34.272	52.673	39.772	C
ATOM	490	O	GLY	A	54	35.250	52.407	40.441	O
ATOM	491	H	GLY	A	54	31.188	52.308	40.674	H
ATOM	492	N	SER	A	55	34.217	53.762	39.055	N
ATOM	493	CA	SER	A	55	35.372	54.704	39.050	C
ATOM	494	C	SER	A	55	35.392	55.522	37.759	C
ATOM	495	O	SER	A	55	34.472	56.259	37.463	O
ATOM	496	CB	SER	A	55	35.137	55.616	40.254	C
ATOM	497	OG	SER	A	55	33.777	56.032	40.269	O
ATOM	498	H	SER	A	55	33.418	53.963	38.528	H
ATOM	499	HG	SER	A	55	33.468	56.005	41.178	H
ATOM	500	N	ARG	A	56	36.440	55.405	36.988	N
ATOM	501	CA	ARG	A	56	36.525	56.183	35.721	C
ATOM	502	C	ARG	A	56	36.784	57.660	36.038	C

ATOM	503	O	ARG A	56	37.892	58.051	36.348	O
ATOM	504	CB	ARG A	56	37.712	55.578	34.969	C
ATOM	505	CG	ARG A	56	37.479	55.703	33.462	C
ATOM	506	CD	ARG A	56	38.654	56.446	32.825	C
ATOM	507	NE	ARG A	56	39.633	55.386	32.458	N
ATOM	508	CZ	ARG A	56	40.749	55.706	31.861	C
ATOM	509	NH1	ARG A	56	41.670	56.366	32.509	N
ATOM	510	NH2	ARG A	56	40.944	55.364	30.617	N
ATOM	511	H	ARG A	56	37.174	54.811	37.249	H
ATOM	512	HE	ARG A	56	39.439	54.448	32.666	H
ATOM	513	HH1	ARG A	56	41.521	56.627	33.462	H
ATOM	514	HH1	ARG A	56	42.525	56.612	32.051	H
ATOM	515	HH2	ARG A	56	40.238	54.856	30.121	H
ATOM	516	HH2	ARG A	56	41.798	55.609	30.160	H
ATOM	517	N	ILE A	57	35.773	58.481	35.969	N
ATOM	518	CA	ILE A	57	35.970	59.927	36.277	C
ATOM	519	C	ILE A	57	36.482	60.668	35.039	C
ATOM	520	O	ILE A	57	36.501	61.882	34.995	O
ATOM	521	CB	ILE A	57	34.585	60.436	36.680	C
ATOM	522	CG1	ILE A	57	33.936	59.441	37.649	C
ATOM	523	CG2	ILE A	57	34.722	61.797	37.365	C
ATOM	524	CD1	ILE A	57	34.954	59.009	38.709	C
ATOM	525	H	ILE A	57	34.885	58.149	35.722	H
ATOM	526	N	SER A	58	36.900	59.946	34.037	N
ATOM	527	CA	SER A	58	37.414	60.607	32.802	C
ATOM	528	C	SER A	58	38.317	61.791	33.166	C
ATOM	529	O	SER A	58	38.919	61.823	34.220	O
ATOM	530	CB	SER A	58	38.225	59.527	32.092	C
ATOM	531	OG	SER A	58	37.424	58.921	31.088	O
ATOM	532	H	SER A	58	36.878	58.967	34.095	H
ATOM	533	HG	SER A	58	36.753	58.390	31.522	H
ATOM	534	N	GLY A	59	38.418	62.762	32.297	N
ATOM	535	CA	GLY A	59	39.286	63.935	32.596	C
ATOM	536	C	GLY A	59	38.867	65.121	31.728	C
ATOM	537	O	GLY A	59	37.709	65.277	31.409	O
ATOM	538	H	GLY A	59	37.924	62.719	31.450	H

ATOM	539	N	PRO A	60	39.832	65.924	31.378	N
ATOM	540	CA	PRO A	60	39.559	67.118	30.548	C
ATOM	541	C	PRO A	60	38.928	68.216	31.411	C
ATOM	542	O	PRO A	60	39.418	69.325	31.481	O
ATOM	543	CB	PRO A	60	40.941	67.536	30.056	C
ATOM	544	CG	PRO A	60	41.900	66.996	31.073	C
ATOM	545	CD	PRO A	60	41.252	65.793	31.714	C
ATOM	546	N	GLY A	61	37.845	67.908	32.072	N
ATOM	547	CA	GLY A	61	37.181	68.924	32.939	C
ATOM	548	C	GLY A	61	37.063	68.382	34.369	C
ATOM	549	O	GLY A	61	36.930	69.129	35.317	O
ATOM	550	H	GLY A	61	37.470	67.005	32.002	H
ATOM	551	N	CYS A	62	37.119	67.087	34.529	N
ATOM	552	CA	CYS A	62	37.017	66.490	35.893	C
ATOM	553	C	CYS A	62	35.853	67.104	36.680	C
ATOM	554	O	CYS A	62	34.715	67.063	36.257	O
ATOM	555	CB	CYS A	62	36.756	65.007	35.643	C
ATOM	556	SG	CYS A	62	37.913	64.016	36.615	S
ATOM	557	H	CYS A	62	37.233	66.502	33.751	H
ATOM	558	N	LYS A	63	36.129	67.658	37.831	N
ATOM	559	CA	LYS A	63	35.038	68.258	38.656	C
ATOM	560	C	LYS A	63	34.845	67.436	39.930	C
ATOM	561	O	LYS A	63	35.789	66.909	40.481	O
ATOM	562	CB	LYS A	63	35.511	69.669	39.018	C
ATOM	563	CG	LYS A	63	36.244	70.299	37.834	C
ATOM	564	CD	LYS A	63	35.258	70.519	36.685	C
ATOM	565	CE	LYS A	63	34.110	71.412	37.165	C
ATOM	566	NZ	LYS A	63	34.011	72.495	36.148	N
ATOM	567	H	LYS A	63	37.053	67.670	38.159	H
ATOM	568	HZ1	LYS A	63	33.012	72.738	35.994	H
ATOM	569	HZ2	LYS A	63	34.524	73.336	36.487	H
ATOM	570	HZ3	LYS A	63	34.428	72.172	35.253	H
ATOM	571	N	ILE A	64	33.640	67.322	40.409	N
ATOM	572	CA	ILE A	64	33.413	66.535	41.652	C
ATOM	573	C	ILE A	64	32.144	67.014	42.362	C
ATOM	574	O	ILE A	64	31.080	67.082	41.781	O

ATOM	575	CB	ILE A	64	33.270	65.088	41.183	C
ATOM	576	CG1	ILE A	64	34.569	64.653	40.499	C
ATOM	577	CG2	ILE A	64	32.997	64.185	42.387	C
ATOM	578	CD1	ILE A	64	34.571	63.136	40.316	C
ATOM	579	H	ILE A	64	32.886	67.752	39.955	H
ATOM	580	N	SER A	65	32.247	67.346	43.616	N
ATOM	581	CA	SER A	65	31.045	67.817	44.359	C
ATOM	582	C	SER A	65	30.999	67.162	45.740	C
ATOM	583	O	SER A	65	31.719	67.537	46.643	O
ATOM	584	CB	SER A	65	31.208	69.330	44.480	C
ATOM	585	OG	SER A	65	30.980	69.726	45.825	O
ATOM	586	H	SER A	65	33.112	67.283	44.070	H
ATOM	587	HG	SER A	65	30.595	70.605	45.815	H
ATOM	588	N	THR A	66	30.160	66.180	45.902	N
ATOM	589	CA	THR A	66	30.065	65.486	47.214	C
ATOM	590	C	THR A	66	31.343	64.695	47.492	C
ATOM	591	O	THR A	66	32.207	65.125	48.231	O
ATOM	592	CB	THR A	66	29.884	66.590	48.251	C
ATOM	593	OG1	THR A	66	29.158	67.666	47.675	O
ATOM	594	CG2	THR A	66	29.112	66.027	49.444	C
ATOM	595	H	THR A	66	29.595	65.892	45.154	H
ATOM	596	HG1	THR A	66	29.666	68.471	47.806	H
ATOM	597	N	CYS A	67	31.465	63.536	46.912	N
ATOM	598	CA	CYS A	67	32.680	62.703	47.143	C
ATOM	599	C	CYS A	67	32.274	61.241	47.301	C
ATOM	600	O	CYS A	67	31.696	60.649	46.412	O
ATOM	601	CB	CYS A	67	33.541	62.874	45.890	C
ATOM	602	SG	CYS A	67	35.291	62.732	46.335	S
ATOM	603	H	CYS A	67	30.749	63.206	46.328	H
ATOM	604	N	ILE A	68	32.577	60.647	48.418	N
ATOM	605	CA	ILE A	68	32.213	59.218	48.608	C
ATOM	606	C	ILE A	68	33.351	58.356	48.080	C
ATOM	607	O	ILE A	68	34.183	57.868	48.819	O
ATOM	608	CB	ILE A	68	32.033	59.019	50.111	C
ATOM	609	CG1	ILE A	68	30.859	59.869	50.613	C
ATOM	610	CG2	ILE A	68	31.731	57.547	50.372	C

ATOM	611	CD1	ILE A	68	31.235	61.350	50.565	C
ATOM	612	H	ILE A	68	33.054	61.133	49.119	H
ATOM	613	N	ILE A	69	33.397	58.196	46.795	N
ATOM	614	CA	ILE A	69	34.482	57.396	46.172	C
ATOM	615	C	ILE A	69	34.070	55.923	46.083	C
ATOM	616	O	ILE A	69	32.903	55.599	46.015	O
ATOM	617	CB	ILE A	69	34.659	58.007	44.777	C
ATOM	618	CG1	ILE A	69	34.670	59.543	44.879	C
ATOM	619	CG2	ILE A	69	35.981	57.527	44.173	C
ATOM	620	CD1	ILE A	69	34.383	60.148	43.506	C
ATOM	621	H	ILE A	69	32.716	58.619	46.234	H
ATOM	622	N	THR A	70	35.023	55.030	46.089	N
ATOM	623	CA	THR A	70	34.683	53.577	46.015	C
ATOM	624	C	THR A	70	35.809	52.800	45.327	C
ATOM	625	O	THR A	70	36.818	52.488	45.929	O
ATOM	626	CB	THR A	70	34.547	53.135	47.472	C
ATOM	627	OG1	THR A	70	33.325	53.633	48.005	O
ATOM	628	CG2	THR A	70	34.561	51.605	47.545	C
ATOM	629	H	THR A	70	35.959	55.312	46.150	H
ATOM	630	HG1	THR A	70	32.870	52.909	48.443	H
ATOM	631	N	GLY A	71	35.642	52.478	44.074	N
ATOM	632	CA	GLY A	71	36.703	51.714	43.357	C
ATOM	633	C	GLY A	71	37.703	52.689	42.736	C
ATOM	634	O	GLY A	71	38.881	52.406	42.639	O
ATOM	635	H	GLY A	71	34.821	52.733	43.606	H
ATOM	636	N	GLY A	72	37.247	53.835	42.317	N
ATOM	637	CA	GLY A	72	38.178	54.824	41.706	C
ATOM	638	C	GLY A	72	38.963	55.529	42.815	C
ATOM	639	O	GLY A	72	39.972	56.159	42.571	O
ATOM	640	H	GLY A	72	36.294	54.045	42.406	H
ATOM	641	N	VAL A	73	38.511	55.416	44.035	N
ATOM	642	CA	VAL A	73	39.236	56.069	45.163	C
ATOM	643	C	VAL A	73	38.291	56.973	45.965	C
ATOM	644	O	VAL A	73	37.227	56.548	46.369	O
ATOM	645	CB	VAL A	73	39.713	54.912	46.037	C
ATOM	646	CG1	VAL A	73	40.428	53.872	45.174	C

ATOM	647	CG2	VAL A	73	38.503	54.266	46.716	C
ATOM	648	H	VAL A	73	37.699	54.894	44.211	H
ATOM	649	N	PRO A	74	38.719	58.189	46.182	N
ATOM	650	CA	PRO A	74	37.906	59.153	46.959	C
ATOM	651	C	PRO A	74	37.984	58.830	48.452	C
ATOM	652	O	PRO A	74	39.009	58.414	48.953	O
ATOM	653	CB	PRO A	74	38.566	60.497	46.673	C
ATOM	654	CG	PRO A	74	39.980	60.166	46.307	C
ATOM	655	CD	PRO A	74	39.984	58.773	45.726	C
ATOM	656	N	ALA A	75	36.914	59.028	49.169	N
ATOM	657	CA	ALA A	75	36.938	58.741	50.631	C
ATOM	658	C	ALA A	75	37.349	60.000	51.396	C
ATOM	659	O	ALA A	75	37.281	61.093	50.872	O
ATOM	660	CB	ALA A	75	35.505	58.340	50.982	C
ATOM	661	H	ALA A	75	36.098	59.371	48.749	H
ATOM	662	N	PRO A	76	37.761	59.805	52.617	N
ATOM	663	CA	PRO A	76	38.185	60.946	53.466	C
ATOM	664	C	PRO A	76	36.976	61.812	53.826	C
ATOM	665	O	PRO A	76	36.578	61.900	54.970	O
ATOM	666	CB	PRO A	76	38.775	60.273	54.704	C
ATOM	667	CG	PRO A	76	38.127	58.927	54.751	C
ATOM	668	CD	PRO A	76	37.868	58.524	53.324	C
ATOM	669	N	SER A	77	36.388	62.450	52.851	N
ATOM	670	CA	SER A	77	35.201	63.308	53.128	C
ATOM	671	C	SER A	77	35.573	64.788	52.998	C
ATOM	672	O	SER A	77	36.088	65.223	51.988	O
ATOM	673	CB	SER A	77	34.178	62.919	52.061	C
ATOM	674	OG	SER A	77	32.902	62.763	52.668	O
ATOM	675	H	SER A	77	36.725	62.361	51.935	H
ATOM	676	HG	SER A	77	32.760	63.510	53.255	H
ATOM	677	N	ALA A	78	35.311	65.564	54.014	N
ATOM	678	CA	ALA A	78	35.646	67.016	53.951	C
ATOM	679	C	ALA A	78	34.694	67.740	52.995	C
ATOM	680	O	ALA A	78	34.806	68.929	52.775	O
ATOM	681	CB	ALA A	78	35.462	67.526	55.380	C
ATOM	682	H	ALA A	78	34.894	65.191	54.819	H

ATOM	683	N	ALAA	79	33.749	67.035	52.431	N
ATOM	684	CA	ALAA	79	32.790	67.691	51.496	C
ATOM	685	C	ALAA	79	33.268	67.546	50.048	C
ATOM	686	O	ALAA	79	32.918	68.330	49.189	O
ATOM	687	CB	ALAA	79	31.470	66.948	51.700	C
ATOM	688	H	ALAA	79	33.668	66.078	52.623	H
ATOM	689	N	CYS A	80	34.071	66.555	49.770	N
ATOM	690	CA	CYS A	80	34.571	66.377	48.377	C
ATOM	691	C	CYS A	80	35.611	67.460	48.064	C
ATOM	692	O	CYS A	80	36.064	68.164	48.946	O
ATOM	693	CB	CYS A	80	35.192	64.979	48.355	C
ATOM	694	SG	CYS A	80	35.865	64.633	46.711	S
ATOM	695	H	CYS A	80	34.348	65.933	50.475	H
ATOM	696	N	LYS A	81	35.977	67.620	46.820	N
ATOM	697	CA	LYS A	81	36.965	68.688	46.475	C
ATOM	698	C	LYS A	81	38.328	68.098	46.088	C
ATOM	699	O	LYS A	81	39.361	68.621	46.456	O
ATOM	700	CB	LYS A	81	36.313	69.466	45.309	C
ATOM	701	CG	LYS A	81	36.896	69.057	43.941	C
ATOM	702	CD	LYS A	81	36.228	67.769	43.449	C
ATOM	703	CE	LYS A	81	37.226	66.954	42.613	C
ATOM	704	NZ	LYS A	81	37.700	67.894	41.558	N
ATOM	705	H	LYS A	81	35.588	67.060	46.117	H
ATOM	706	HZ1	LYS A	81	36.891	68.209	40.987	H
ATOM	707	HZ2	LYS A	81	38.151	68.719	42.006	H
ATOM	708	HZ3	LYS A	81	38.387	67.412	40.945	H
ATOM	709	N	ILE A	82	38.348	67.033	45.335	N
ATOM	710	CA	ILE A	82	39.656	66.449	44.921	C
ATOM	711	C	ILE A	82	40.580	67.561	44.411	C
ATOM	712	O	ILE A	82	41.505	67.966	45.086	O
ATOM	713	CB	ILE A	82	40.234	65.817	46.188	C
ATOM	714	CG1	ILE A	82	39.210	64.853	46.792	C
ATOM	715	CG2	ILE A	82	41.510	65.051	45.837	C
ATOM	716	CD1	ILE A	82	38.746	63.864	45.723	C
ATOM	717	H	ILE A	82	37.511	66.629	45.033	H
ATOM	718	N	SER A	83	40.334	68.069	43.230	N

ATOM	719	CA	SER A	83	41.202	69.163	42.704	C
ATOM	720	C	SER A	83	41.728	68.820	41.305	C
ATOM	721	O	SER A	83	42.850	68.383	41.144	O
ATOM	722	CB	SER A	83	40.296	70.392	42.642	C
ATOM	723	OG	SER A	83	40.701	71.325	43.635	O
ATOM	724	H	SER A	83	39.579	67.740	42.695	H
ATOM	725	HG	SER A	83	40.925	72.149	43.194	H
ATOM	726	N	GLY A	84	40.931	69.029	40.293	N
ATOM	727	CA	GLY A	84	41.395	68.728	38.908	C
ATOM	728	C	GLY A	84	40.682	67.485	38.373	C
ATOM	729	O	GLY A	84	40.340	67.410	37.208	O
ATOM	730	H	GLY A	84	40.033	69.391	40.441	H
ATOM	731	N	CYS A	85	40.459	66.504	39.205	N
ATOM	732	CA	CYS A	85	39.773	65.271	38.723	C
ATOM	733	C	CYS A	85	40.545	64.030	39.189	C
ATOM	734	O	CYS A	85	41.549	64.133	39.865	O
ATOM	735	CB	CYS A	85	38.375	65.323	39.352	C
ATOM	736	SG	CYS A	85	37.239	64.173	38.517	S
ATOM	737	H	CYS A	85	40.745	66.577	40.138	H
ATOM	738	N	THR A	86	40.090	62.863	38.827	N
ATOM	739	CA	THR A	86	40.796	61.620	39.239	C
ATOM	740	C	THR A	86	39.980	60.401	38.817	C
ATOM	741	O	THR A	86	39.202	60.457	37.886	O
ATOM	742	CB	THR A	86	42.123	61.650	38.487	C
ATOM	743	OG1	THR A	86	42.740	60.373	38.568	O
ATOM	744	CG2	THR A	86	41.873	62.010	37.020	C
ATOM	745	H	THR A	86	39.287	62.800	38.277	H
ATOM	746	HG1	THR A	86	43.444	60.423	39.217	H
ATOM	747	N	PHE A	87	40.151	59.300	39.490	N
ATOM	748	CA	PHE A	87	39.377	58.081	39.112	C
ATOM	749	C	PHE A	87	40.333	56.915	38.863	C
ATOM	750	O	PHE A	87	41.452	56.903	39.337	O
ATOM	751	CB	PHE A	87	38.449	57.751	40.296	C
ATOM	752	CG	PHE A	87	38.232	58.957	41.186	C
ATOM	753	CD1	PHE A	87	37.868	60.193	40.635	C
ATOM	754	CD2	PHE A	87	38.391	58.826	42.568	C

ATOM	755	CE1	PHE	A	87	37.664	61.300	41.473	C
ATOM	756	CE2	PHE	A	87	38.189	59.929	43.402	C
ATOM	757	CZ	PHE	A	87	37.826	61.165	42.856	C
ATOM	758	H	PHE	A	87	40.785	59.273	40.237	H
ATOM	759	N	SER	A	88	39.898	55.933	38.127	N
ATOM	760	CA	SER	A	88	40.776	54.762	37.848	C
ATOM	761	C	SER	A	88	39.946	53.478	37.873	C
ATOM	762	O	SER	A	88	40.313	52.478	37.291	O
ATOM	763	CB	SER	A	88	41.340	55.010	36.450	C
ATOM	764	OG	SER	A	88	42.298	54.004	36.147	O
ATOM	765	H	SER	A	88	38.991	55.963	37.757	H
ATOM	766	HG	SER	A	88	41.848	53.299	35.675	H
ATOM	767	N	ALA	A	89	38.826	53.503	38.543	N
ATOM	768	CA	ALA	A	89	37.969	52.286	38.601	C
ATOM	769	C	ALA	A	89	37.628	51.822	37.184	C
ATOM	770	O	ALA	A	89	38.238	50.915	36.652	O
ATOM	771	CB	ALA	A	89	38.818	51.242	39.326	C
ATOM	772	H	ALA	A	89	38.546	54.321	39.003	H
ATOM	773	N	ASN	A	90	36.664	52.447	36.564	N
ATOM	774	CA	ASN	A	90	36.287	52.053	35.177	C
ATOM	775	C	ASN	A	90	35.661	50.653	35.171	C
ATOM	776	O	ASN	A	90	35.130	50.266	34.143	O
ATOM	777	CB	ASN	A	90	35.273	53.117	34.732	C
ATOM	778	CG	ASN	A	90	33.875	52.763	35.244	C
ATOM	779	OD1	ASN	A	90	32.907	52.860	34.517	O
ATOM	780	ND2	ASN	A	90	33.727	52.354	36.475	N
ATOM	781	OXT	ASN	A	90	35.724	49.992	36.195	O
ATOM	782	H	ASN	A	90	36.191	53.180	37.011	H
ATOM	783	HD2	ASN	A	90	34.509	52.276	37.061	H
ATOM	784	HD2	ASN	A	90	32.836	52.125	36.812	H
TER	785		ASP	A	1				

ENDMOL

Water molecules

ATOM	1	O	HOH	A	1	22.063	46.896	21.761	O
ATOM	2	H1	HOH	A	2	22.877	46.447	21.451	H

ATOM	3	H2	HOH A	3	22.072	46.896	22.741	H
ATOM	4	O	HOH A	1	22.063	46.873	43.871	O
ATOM	5	H1	HOH A	2	22.873	46.417	43.561	H
ATOM	6	H2	HOH A	3	22.076	46.883	44.850	H
ATOM	7	O	HOH A	1	22.067	46.995	65.964	O
ATOM	8	H1	HOH A	2	22.882	46.549	65.652	H
ATOM	9	H2	HOH A	3	22.078	46.993	66.944	H
ATOM	10	O	HOH A	1	44.699	46.940	21.683	O
ATOM	11	H1	HOH A	2	45.511	46.487	21.374	H
ATOM	12	H2	HOH A	3	44.703	46.934	22.663	H
ATOM	13	O	HOH A	1	44.699	46.884	43.798	O
ATOM	14	H1	HOH A	2	45.516	46.441	43.489	H
ATOM	15	H2	HOH A	3	44.711	46.891	44.778	H
ATOM	16	O	HOH A	1	44.671	47.090	65.925	O
ATOM	17	H1	HOH A	2	45.479	46.634	65.610	H
ATOM	18	H2	HOH A	3	44.682	47.085	66.905	H
ATOM	19	O	HOH A	1	67.279	46.875	21.703	O
ATOM	20	H1	HOH A	2	68.091	46.421	21.396	H
ATOM	21	H2	HOH A	3	67.282	46.870	22.683	H
ATOM	22	O	HOH A	1	67.259	46.911	43.861	O
ATOM	23	H1	HOH A	2	68.073	46.457	43.555	H
ATOM	24	H2	HOH A	3	67.265	46.914	44.841	H
ATOM	25	O	HOH A	1	67.278	46.913	65.957	O
ATOM	26	H1	HOH A	2	68.096	46.467	65.652	H
ATOM	27	H2	HOH A	3	67.276	46.904	66.937	H
ATOM	28	O	HOH A	1	4.010	46.899	21.734	O
ATOM	29	H1	HOH A	2	3.217	46.425	21.408	H
ATOM	30	H2	HOH A	3	3.983	46.897	22.713	H
ATOM	31	O	HOH A	1	3.980	46.924	43.894	O
ATOM	32	H1	HOH A	2	3.189	46.449	43.563	H
ATOM	33	H2	HOH A	3	3.946	46.922	44.874	H
ATOM	34	O	HOH A	1	4.013	46.925	66.005	O
ATOM	35	H1	HOH A	2	3.218	46.454	65.679	H
ATOM	36	H2	HOH A	3	3.983	46.927	66.985	H
ATOM	37	O	HOH A	1	26.589	46.953	21.791	O
ATOM	38	H1	HOH A	2	25.798	46.471	21.470	H

ATOM	39	H2	HOH A	3	26.566	46.954	22.771	H
ATOM	40	O	HOH A	1	26.606	46.895	43.867	O
ATOM	41	H1	HOH A	2	25.808	46.427	43.544	H
ATOM	42	H2	HOH A	3	26.582	46.894	44.847	H
ATOM	43	O	HOH A	1	26.596	47.067	65.987	O
ATOM	44	H1	HOH A	2	25.805	46.588	65.662	H
ATOM	45	H2	HOH A	3	26.574	47.059	66.966	H
ATOM	46	O	HOH A	1	49.234	46.964	21.691	O
ATOM	47	H1	HOH A	2	48.433	46.502	21.364	H
ATOM	48	H2	HOH A	3	49.208	46.958	22.670	H
ATOM	49	O	HOH A	1	49.225	46.928	43.827	O
ATOM	50	H1	HOH A	2	48.435	46.452	43.495	H
ATOM	51	H2	HOH A	3	49.190	46.926	44.807	H
ATOM	52	O	HOH A	1	49.190	47.096	65.939	O
ATOM	53	H1	HOH A	2	48.392	46.631	65.613	H
ATOM	54	H2	HOH A	3	49.166	47.089	66.919	H
ATOM	55	O	HOH A	1	8.508	46.852	21.781	O
ATOM	56	H1	HOH A	2	7.704	46.397	21.453	H
ATOM	57	H2	HOH A	3	8.479	46.849	22.761	H
ATOM	58	O	HOH A	1	8.475	46.913	43.935	O
ATOM	59	H1	HOH A	2	7.677	46.450	43.605	H
ATOM	60	H2	HOH A	3	8.443	46.912	44.914	H
ATOM	61	O	HOH A	1	8.509	46.916	66.036	O
ATOM	62	H1	HOH A	2	7.711	46.455	65.704	H
ATOM	63	H2	HOH A	3	8.481	46.902	67.015	H
ATOM	64	O	HOH A	1	31.112	46.963	21.800	O
ATOM	65	H1	HOH A	2	30.304	46.510	21.482	H
ATOM	66	H2	HOH A	3	31.097	46.957	22.780	H
ATOM	67	O	HOH A	1	31.110	46.886	43.880	O
ATOM	68	H1	HOH A	2	30.306	46.422	43.566	H
ATOM	69	H2	HOH A	3	31.091	46.894	44.860	H
ATOM	70	O	HOH A	1	31.099	47.091	66.004	O
ATOM	71	H1	HOH A	2	30.297	46.632	65.679	H
ATOM	72	H2	HOH A	3	31.074	47.090	66.983	H
ATOM	73	O	HOH A	1	53.729	46.916	21.714	O
ATOM	74	H1	HOH A	2	52.924	46.462	21.387	H

ATOM	75	H2	HOH A	3	53.705	46.905	22.694	H
ATOM	76	O	HOH A	1	53.716	46.929	43.860	O
ATOM	77	H1	HOH A	2	52.918	46.461	43.535	H
ATOM	78	H2	HOH A	3	53.687	46.930	44.840	H
ATOM	79	O	HOH A	1	53.687	47.031	65.967	O
ATOM	80	H1	HOH A	2	52.883	46.573	65.646	H
ATOM	81	H2	HOH A	3	53.669	47.023	66.947	H
ATOM	82	O	HOH A	1	13.022	46.925	21.776	O
ATOM	83	H1	HOH A	2	13.814	46.453	21.443	H
ATOM	84	H2	HOH A	3	12.228	46.454	21.447	H
ATOM	85	O	HOH A	1	12.992	46.931	43.902	O
ATOM	86	H1	HOH A	2	13.782	46.455	43.569	H
ATOM	87	H2	HOH A	3	12.196	46.460	43.578	H
ATOM	88	O	HOH A	1	13.022	46.978	65.999	O
ATOM	89	H1	HOH A	2	13.817	46.516	65.660	H
ATOM	90	H2	HOH A	3	12.232	46.498	65.674	H
ATOM	91	O	HOH A	1	35.620	47.000	21.747	O
ATOM	92	H1	HOH A	2	36.412	46.532	21.408	H
ATOM	93	H2	HOH A	3	34.826	46.525	21.425	H
ATOM	94	O	HOH A	1	35.627	46.925	43.840	O
ATOM	95	H1	HOH A	2	36.427	46.465	43.509	H
ATOM	96	H2	HOH A	3	34.841	46.439	43.512	H
ATOM	97	O	HOH A	1	35.617	47.160	65.976	O
ATOM	98	H1	HOH A	2	36.407	46.685	65.646	H
ATOM	99	H2	HOH A	3	34.822	46.689	65.650	H
ATOM	100	O	HOH A	1	58.235	46.958	21.689	O
ATOM	101	H1	HOH A	2	59.023	46.480	21.356	H
ATOM	102	H2	HOH A	3	57.437	46.489	21.365	H
ATOM	103	O	HOH A	1	58.228	46.962	43.850	O
ATOM	104	H1	HOH A	2	59.025	46.495	43.521	H
ATOM	105	H2	HOH A	3	57.439	46.482	43.520	H
ATOM	106	O	HOH A	1	58.204	47.036	65.959	O
ATOM	107	H1	HOH A	2	58.991	46.558	65.624	H
ATOM	108	H2	HOH A	3	57.406	46.570	65.632	H
ATOM	109	O	HOH A	1	17.551	46.893	21.763	O
ATOM	110	H1	HOH A	2	18.357	46.435	21.446	H

ATOM	111	H2	HOH A	3	17.576	47.815	21.431	H
ATOM	112	O	HOH A	1	17.547	46.886	43.897	O
ATOM	113	H1	HOH A	2	18.350	46.429	43.571	H
ATOM	114	H2	HOH A	3	17.564	47.806	43.559	H
ATOM	115	O	HOH A	1	17.569	46.964	65.980	O
ATOM	116	H1	HOH A	2	18.371	46.507	65.651	H
ATOM	117	H2	HOH A	3	17.587	47.885	65.647	H
ATOM	118	O	HOH A	1	40.184	46.972	21.715	O
ATOM	119	H1	HOH A	2	40.983	46.514	21.382	H
ATOM	120	H2	HOH A	3	40.204	47.895	21.386	H
ATOM	121	O	HOH A	1	40.191	46.896	43.823	O
ATOM	122	H1	HOH A	2	40.998	46.448	43.492	H
ATOM	123	H2	HOH A	3	40.198	47.818	43.491	H
ATOM	124	O	HOH A	1	40.168	47.115	65.943	O
ATOM	125	H1	HOH A	2	40.966	46.653	65.612	H
ATOM	126	H2	HOH A	3	40.189	48.035	65.607	H
ATOM	127	O	HOH A	1	62.777	46.882	21.695	O
ATOM	128	H1	HOH A	2	63.580	46.428	21.363	H
ATOM	129	H2	HOH A	3	62.787	47.801	21.354	H
ATOM	130	O	HOH A	1	62.762	46.921	43.856	O
ATOM	131	H1	HOH A	2	63.562	46.466	43.520	H
ATOM	132	H2	HOH A	3	62.772	47.841	43.517	H
ATOM	133	O	HOH A	1	62.766	46.958	65.969	O
ATOM	134	H1	HOH A	2	63.566	46.498	65.639	H
ATOM	135	H2	HOH A	3	62.788	47.880	65.638	H
ATOM	136	O	HOH A	1	1.730	27.360	21.726	O
ATOM	137	H1	HOH A	2	2.530	26.885	21.420	H
ATOM	138	H2	HOH A	3	1.732	27.356	22.706	H
ATOM	139	O	HOH A	1	1.696	27.389	43.883	O
ATOM	140	H1	HOH A	2	2.497	26.915	43.576	H
ATOM	141	H2	HOH A	3	1.699	27.387	44.863	H
ATOM	142	O	HOH A	1	1.732	27.397	65.970	O
ATOM	143	H1	HOH A	2	2.534	26.924	65.664	H
ATOM	144	H2	HOH A	3	1.726	27.381	66.950	H
ATOM	145	O	HOH A	1	24.315	27.395	21.773	O
ATOM	146	H1	HOH A	2	25.121	26.929	21.469	H

ATOM	147	H2	HOH A	3	24.314	27.391	22.753	H
ATOM	148	O	HOH A	1	24.315	27.372	43.876	O
ATOM	149	H1	HOH A	2	25.120	26.903	43.571	H
ATOM	150	H2	HOH A	3	24.315	27.367	44.856	H
ATOM	151	O	HOH A	1	24.324	27.510	65.980	O
ATOM	152	H1	HOH A	2	25.128	27.042	65.673	H
ATOM	153	H2	HOH A	3	24.323	27.499	66.960	H
ATOM	154	O	HOH A	1	46.954	27.424	21.674	O
ATOM	155	H1	HOH A	2	47.755	26.953	21.364	H
ATOM	156	H2	HOH A	3	46.957	27.413	22.654	H
ATOM	157	O	HOH A	1	46.954	27.388	43.810	O
ATOM	158	H1	HOH A	2	47.762	26.920	43.514	H
ATOM	159	H2	HOH A	3	46.949	27.393	44.790	H
ATOM	160	O	HOH A	1	46.912	27.574	65.926	O
ATOM	161	H1	HOH A	2	47.710	27.099	65.614	H
ATOM	162	H2	HOH A	3	46.918	27.565	66.906	H
ATOM	163	O	HOH A	1	6.269	27.321	21.764	O
ATOM	164	H1	HOH A	2	7.061	26.849	21.432	H
ATOM	165	H2	HOH A	3	5.475	26.865	21.415	H
ATOM	166	O	HOH A	1	6.225	27.363	43.926	O
ATOM	167	H1	HOH A	2	7.017	26.886	43.600	H
ATOM	168	H2	HOH A	3	5.431	26.901	43.584	H
ATOM	169	O	HOH A	1	6.256	27.359	66.030	O
ATOM	170	H1	HOH A	2	7.049	26.887	65.697	H
ATOM	171	H2	HOH A	3	5.463	26.894	65.690	H
ATOM	172	O	HOH A	1	28.850	27.400	21.811	O
ATOM	173	H1	HOH A	2	29.647	26.938	21.476	H
ATOM	174	H2	HOH A	3	28.061	26.933	21.464	H
ATOM	175	O	HOH A	1	28.854	27.343	43.903	O
ATOM	176	H1	HOH A	2	29.649	26.874	43.574	H
ATOM	177	H2	HOH A	3	28.063	26.881	43.554	H
ATOM	178	O	HOH A	1	28.850	27.528	66.005	O
ATOM	179	H1	HOH A	2	29.648	27.060	65.681	H
ATOM	180	H2	HOH A	3	28.063	27.060	65.657	H
ATOM	181	O	HOH A	1	51.479	27.389	21.719	O
ATOM	182	H1	HOH A	2	52.270	26.912	21.391	H

ATOM	183	H2	HOH A	3	50.685	26.934	21.370	H
ATOM	184	O	HOH A	1	51.482	27.382	43.860	O
ATOM	185	H1	HOH A	2	52.275	26.908	43.533	H
ATOM	186	H2	HOH A	3	50.689	26.916	43.522	H
ATOM	187	O	HOH A	1	51.444	27.505	65.969	O
ATOM	188	H1	HOH A	2	52.232	27.024	65.639	H
ATOM	189	H2	HOH A	3	50.647	27.051	65.626	H
ATOM	190	O	HOH A	1	10.770	27.323	21.754	O
ATOM	191	H1	HOH A	2	11.582	26.871	21.442	H
ATOM	192	H2	HOH A	3	10.770	27.302	22.734	H
ATOM	193	O	HOH A	1	10.742	27.357	43.897	O
ATOM	194	H1	HOH A	2	11.544	26.896	43.574	H
ATOM	195	H2	HOH A	3	10.755	27.336	44.877	H
ATOM	196	O	HOH A	1	10.786	27.366	65.987	O
ATOM	197	H1	HOH A	2	11.592	26.912	65.664	H
ATOM	198	H2	HOH A	3	10.801	27.349	66.967	H
ATOM	199	O	HOH A	1	33.394	27.420	21.748	O
ATOM	200	H1	HOH A	2	34.198	26.967	21.418	H
ATOM	201	H2	HOH A	3	33.410	27.389	22.727	H
ATOM	202	O	HOH A	1	33.391	27.328	43.846	O
ATOM	203	H1	HOH A	2	34.197	26.871	43.527	H
ATOM	204	H2	HOH A	3	33.404	27.316	44.826	H
ATOM	205	O	HOH A	1	33.367	27.557	65.968	O
ATOM	206	H1	HOH A	2	34.172	27.100	65.645	H
ATOM	207	H2	HOH A	3	33.380	27.537	66.947	H
ATOM	208	O	HOH A	1	55.992	27.374	21.674	O
ATOM	209	H1	HOH A	2	56.795	26.914	21.352	H
ATOM	210	H2	HOH A	3	56.004	27.356	22.654	H
ATOM	211	O	HOH A	1	55.974	27.374	43.833	O
ATOM	212	H1	HOH A	2	56.781	26.917	43.518	H
ATOM	213	H2	HOH A	3	55.981	27.360	44.813	H
ATOM	214	O	HOH A	1	55.964	27.454	65.946	O
ATOM	215	H1	HOH A	2	56.770	26.991	65.636	H
ATOM	216	H2	HOH A	3	55.963	27.438	66.926	H
ATOM	217	O	HOH A	1	15.304	27.328	21.742	O
ATOM	218	H1	HOH A	2	16.110	26.868	21.427	H

ATOM	219	H2	HOH A	3	15.306	27.308	22.721	H
ATOM	220	O	HOH A	1	15.271	27.346	43.858	O
ATOM	221	H1	HOH A	2	16.075	26.879	43.548	H
ATOM	222	H2	HOH A	3	15.276	27.339	44.838	H
ATOM	223	O	HOH A	1	15.309	27.389	65.944	O
ATOM	224	H1	HOH A	2	16.119	26.936	65.631	H
ATOM	225	H2	HOH A	3	15.316	27.381	66.924	H
ATOM	226	O	HOH A	1	37.920	27.410	21.693	O
ATOM	227	H1	HOH A	2	38.724	26.953	21.369	H
ATOM	228	H2	HOH A	3	37.928	27.381	22.672	H
ATOM	229	O	HOH A	1	37.924	27.338	43.793	O
ATOM	230	H1	HOH A	2	38.729	26.875	43.482	H
ATOM	231	H2	HOH A	3	37.931	27.333	44.773	H
ATOM	232	O	HOH A	1	37.892	27.567	65.926	O
ATOM	233	H1	HOH A	2	38.691	27.097	65.608	H
ATOM	234	H2	HOH A	3	37.899	27.549	66.905	H
ATOM	235	O	HOH A	1	60.513	27.343	21.660	O
ATOM	236	H1	HOH A	2	61.312	26.873	21.343	H
ATOM	237	H2	HOH A	3	60.519	27.324	22.639	H
ATOM	238	O	HOH A	1	60.502	27.381	43.823	O
ATOM	239	H1	HOH A	2	61.306	26.915	43.511	H
ATOM	240	H2	HOH A	3	60.507	27.371	44.803	H
ATOM	241	O	HOH A	1	60.496	27.418	65.926	O
ATOM	242	H1	HOH A	2	61.297	26.947	65.614	H
ATOM	243	H2	HOH A	3	60.496	27.399	66.906	H
ATOM	244	O	HOH A	1	19.803	27.343	21.791	O
ATOM	245	H1	HOH A	2	20.617	26.892	21.482	H
ATOM	246	H2	HOH A	3	19.804	27.330	22.771	H
ATOM	247	O	HOH A	1	19.791	27.332	43.900	O
ATOM	248	H1	HOH A	2	20.599	26.879	43.582	H
ATOM	249	H2	HOH A	3	19.803	27.321	44.880	H
ATOM	250	O	HOH A	1	19.818	27.428	65.998	O
ATOM	251	H1	HOH A	2	20.633	26.983	65.683	H
ATOM	252	H2	HOH A	3	19.822	27.408	66.978	H
ATOM	253	O	HOH A	1	42.448	27.400	21.714	O
ATOM	254	H1	HOH A	2	43.255	26.940	21.400	H

ATOM	255	H2	HOH A	3	42.452	27.382	22.694	H
ATOM	256	O	HOH A	1	42.437	27.333	43.834	O
ATOM	257	H1	HOH A	2	43.245	26.876	43.520	H
ATOM	258	H2	HOH A	3	42.450	27.331	44.814	H
ATOM	259	O	HOH A	1	42.396	27.546	65.963	O
ATOM	260	H1	HOH A	2	43.201	27.086	65.644	H
ATOM	261	H2	HOH A	3	42.411	27.536	66.943	H
ATOM	262	O	HOH A	1	65.008	27.309	21.718	O
ATOM	263	H1	HOH A	2	65.817	26.856	21.403	H
ATOM	264	H2	HOH A	3	65.019	27.301	22.698	H
ATOM	265	O	HOH A	1	64.997	27.359	43.876	O
ATOM	266	H1	HOH A	2	65.806	26.901	43.567	H
ATOM	267	H2	HOH A	3	65.003	27.359	44.856	H
ATOM	268	O	HOH A	1	65.012	27.382	66.003	O
ATOM	269	H1	HOH A	2	65.817	26.926	65.680	H
ATOM	270	H2	HOH A	3	65.025	27.364	66.982	H
ATOM	271	O	HOH A	1	22.104	31.286	21.772	O
ATOM	272	H1	HOH A	2	22.071	32.210	21.448	H
ATOM	273	H2	HOH A	3	22.102	31.308	22.751	H
ATOM	274	O	HOH A	1	22.092	31.276	43.876	O
ATOM	275	H1	HOH A	2	22.056	32.196	43.541	H
ATOM	276	H2	HOH A	3	22.087	31.310	44.855	H
ATOM	277	O	HOH A	1	22.100	31.386	65.980	O
ATOM	278	H1	HOH A	2	22.064	32.310	65.655	H
ATOM	279	H2	HOH A	3	22.100	31.409	66.960	H
ATOM	280	O	HOH A	1	44.737	31.335	21.680	O
ATOM	281	H1	HOH A	2	44.698	32.258	21.355	H
ATOM	282	H2	HOH A	3	44.741	31.359	22.660	H
ATOM	283	O	HOH A	1	44.738	31.273	43.809	O
ATOM	284	H1	HOH A	2	44.700	32.193	43.473	H
ATOM	285	H2	HOH A	3	44.739	31.308	44.789	H
ATOM	286	O	HOH A	1	44.688	31.480	65.921	O
ATOM	287	H1	HOH A	2	44.653	32.401	65.589	H
ATOM	288	H2	HOH A	3	44.685	31.511	66.901	H
ATOM	289	O	HOH A	1	67.305	31.248	21.702	O
ATOM	290	H1	HOH A	2	67.272	32.170	21.372	H

ATOM	291	H2	HOH A	3	67.305	31.276	22.682	H
ATOM	292	O	HOH A	1	67.292	31.300	43.856	O
ATOM	293	H1	HOH A	2	67.260	32.222	43.525	H
ATOM	294	H2	HOH A	3	67.285	31.329	44.835	H
ATOM	295	O	HOH A	1	67.317	31.303	65.969	O
ATOM	296	H1	HOH A	2	67.288	32.228	65.646	H
ATOM	297	H2	HOH A	3	67.319	31.325	66.949	H
ATOM	298	O	HOH A	1	4.030	31.254	21.772	O
ATOM	299	H1	HOH A	2	4.814	30.771	21.435	H
ATOM	300	H2	HOH A	3	3.229	30.792	21.449	H
ATOM	301	O	HOH A	1	4.009	31.298	43.925	O
ATOM	302	H1	HOH A	2	4.796	30.820	43.587	H
ATOM	303	H2	HOH A	3	3.210	30.833	43.599	H
ATOM	304	O	HOH A	1	4.041	31.295	66.021	O
ATOM	305	H1	HOH A	2	4.827	30.819	65.682	H
ATOM	306	H2	HOH A	3	3.242	30.832	65.694	H
ATOM	307	O	HOH A	1	26.633	31.318	21.819	O
ATOM	308	H1	HOH A	2	27.420	30.848	21.473	H
ATOM	309	H2	HOH A	3	25.835	30.846	21.502	H
ATOM	310	O	HOH A	1	26.634	31.278	43.906	O
ATOM	311	H1	HOH A	2	27.419	30.797	43.570	H
ATOM	312	H2	HOH A	3	25.833	30.814	43.584	H
ATOM	313	O	HOH A	1	26.627	31.438	66.032	O
ATOM	314	H1	HOH A	2	27.417	30.973	65.685	H
ATOM	315	H2	HOH A	3	25.832	30.965	65.709	H
ATOM	316	O	HOH A	1	49.257	31.327	21.715	O
ATOM	317	H1	HOH A	2	50.040	30.844	21.376	H
ATOM	318	H2	HOH A	3	48.455	30.868	21.391	H
ATOM	319	O	HOH A	1	49.264	31.304	43.856	O
ATOM	320	H1	HOH A	2	50.051	30.830	43.516	H
ATOM	321	H2	HOH A	3	48.466	30.833	43.536	H
ATOM	322	O	HOH A	1	49.221	31.455	65.969	O
ATOM	323	H1	HOH A	2	50.002	30.969	65.631	H
ATOM	324	H2	HOH A	3	48.417	30.996	65.648	H
ATOM	325	O	HOH A	1	8.533	31.250	21.765	O
ATOM	326	H1	HOH A	2	9.338	30.798	21.434	H

ATOM	327	H2	HOH A	3	8.544	32.171	21.432	H
ATOM	328	O	HOH A	1	8.500	31.272	43.903	O
ATOM	329	H1	HOH A	2	9.304	30.822	43.570	H
ATOM	330	H2	HOH A	3	8.507	32.193	43.566	H
ATOM	331	O	HOH A	1	8.545	31.284	65.994	O
ATOM	332	H1	HOH A	2	9.347	30.830	65.663	H
ATOM	333	H2	HOH A	3	8.554	32.203	65.654	H
ATOM	334	O	HOH A	1	31.147	31.321	21.783	O
ATOM	335	H1	HOH A	2	31.949	30.870	21.444	H
ATOM	336	H2	HOH A	3	31.152	32.241	21.447	H
ATOM	337	O	HOH A	1	31.153	31.245	43.879	O
ATOM	338	H1	HOH A	2	31.955	30.795	43.538	H
ATOM	339	H2	HOH A	3	31.153	32.163	43.536	H
ATOM	340	O	HOH A	1	31.142	31.460	65.998	O
ATOM	341	H1	HOH A	2	31.944	31.009	65.659	H
ATOM	342	H2	HOH A	3	31.150	32.382	65.665	H
ATOM	343	O	HOH A	1	53.765	31.298	21.697	O
ATOM	344	H1	HOH A	2	54.563	30.842	21.355	H
ATOM	345	H2	HOH A	3	53.775	32.218	21.360	H
ATOM	346	O	HOH A	1	53.766	31.299	43.844	O
ATOM	347	H1	HOH A	2	54.567	30.842	43.510	H
ATOM	348	H2	HOH A	3	53.780	32.218	43.505	H
ATOM	349	O	HOH A	1	53.743	31.420	65.956	O
ATOM	350	H1	HOH A	2	54.541	30.959	65.622	H
ATOM	351	H2	HOH A	3	53.763	32.340	65.621	H
ATOM	352	O	HOH A	1	13.071	31.251	21.779	O
ATOM	353	H1	HOH A	2	12.275	30.780	21.454	H
ATOM	354	H2	HOH A	3	13.049	31.241	22.759	H
ATOM	355	O	HOH A	1	13.050	31.272	43.909	O
ATOM	356	H1	HOH A	2	12.249	30.804	43.593	H
ATOM	357	H2	HOH A	3	13.038	31.264	44.889	H
ATOM	358	O	HOH A	1	13.079	31.304	65.993	O
ATOM	359	H1	HOH A	2	12.280	30.832	65.678	H
ATOM	360	H2	HOH A	3	13.072	31.292	66.972	H
ATOM	361	O	HOH A	1	35.690	31.351	21.735	O
ATOM	362	H1	HOH A	2	34.891	30.881	21.416	H

ATOM	363	H2	HOH A	3	35.680	31.334	22.715	H
ATOM	364	O	HOH A	1	35.693	31.255	43.844	O
ATOM	365	H1	HOH A	2	34.892	30.786	43.531	H
ATOM	366	H2	HOH A	3	35.681	31.253	44.824	H
ATOM	367	O	HOH A	1	35.667	31.482	65.970	O
ATOM	368	H1	HOH A	2	34.870	31.012	65.649	H
ATOM	369	H2	HOH A	3	35.649	31.477	66.950	H
ATOM	370	O	HOH A	1	58.291	31.280	21.687	O
ATOM	371	H1	HOH A	2	57.492	30.810	21.369	H
ATOM	372	H2	HOH A	3	58.278	31.268	22.667	H
ATOM	373	O	HOH A	1	58.279	31.301	43.862	O
ATOM	374	H1	HOH A	2	57.482	30.828	43.544	H
ATOM	375	H2	HOH A	3	58.266	31.291	44.842	H
ATOM	376	O	HOH A	1	58.269	31.365	65.947	O
ATOM	377	H1	HOH A	2	57.467	30.901	65.627	H
ATOM	378	H2	HOH A	3	58.255	31.352	66.927	H
ATOM	379	O	HOH A	1	17.578	31.251	21.795	O
ATOM	380	H1	HOH A	2	18.371	30.791	21.447	H
ATOM	381	H2	HOH A	3	16.785	30.785	21.457	H
ATOM	382	O	HOH A	1	17.557	31.255	43.906	O
ATOM	383	H1	HOH A	2	18.345	30.788	43.558	H
ATOM	384	H2	HOH A	3	16.759	30.789	43.579	H
ATOM	385	O	HOH A	1	17.576	31.328	65.993	O
ATOM	386	H1	HOH A	2	18.372	30.869	65.652	H
ATOM	387	H2	HOH A	3	16.786	30.853	65.659	H
ATOM	388	O	HOH A	1	40.208	31.333	21.723	O
ATOM	389	H1	HOH A	2	40.994	30.862	21.374	H
ATOM	390	H2	HOH A	3	39.408	30.871	21.397	H
ATOM	391	O	HOH A	1	40.219	31.248	43.832	O
ATOM	392	H1	HOH A	2	41.008	30.782	43.485	H
ATOM	393	H2	HOH A	3	39.422	30.783	43.502	H
ATOM	394	O	HOH A	1	40.176	31.478	65.961	O
ATOM	395	H1	HOH A	2	40.963	31.011	65.611	H
ATOM	396	H2	HOH A	3	39.377	31.017	65.629	H
ATOM	397	O	HOH A	1	62.793	31.239	21.704	O
ATOM	398	H1	HOH A	2	63.578	30.762	21.362	H

ATOM	399	H2	HOH A	3	61.992	30.780	21.374	H
ATOM	400	O	HOH A	1	62.778	31.290	43.885	O
ATOM	401	H1	HOH A	2	63.565	30.819	43.539	H
ATOM	402	H2	HOH A	3	61.979	30.828	43.555	H
ATOM	403	O	HOH A	1	62.783	31.320	65.978	O
ATOM	404	H1	HOH A	2	63.568	30.845	65.634	H
ATOM	405	H2	HOH A	3	61.983	30.857	65.652	H
ATOM	406	O	HOH A	1	1.738	35.105	21.717	O
ATOM	407	H1	HOH A	2	2.544	34.659	21.381	H
ATOM	408	H2	HOH A	3	1.745	36.029	21.389	H
ATOM	409	O	HOH A	1	1.698	35.164	43.863	O
ATOM	410	H1	HOH A	2	2.504	34.716	43.531	H
ATOM	411	H2	HOH A	3	1.706	36.086	43.530	H
ATOM	412	O	HOH A	1	1.752	35.161	65.976	O
ATOM	413	H1	HOH A	2	2.555	34.714	65.637	H
ATOM	414	H2	HOH A	3	1.757	36.084	65.648	H
ATOM	415	O	HOH A	1	24.332	35.176	21.777	O
ATOM	416	H1	HOH A	2	25.137	34.732	21.440	H
ATOM	417	H2	HOH A	3	24.332	36.097	21.443	H
ATOM	418	O	HOH A	1	24.318	35.143	43.862	O
ATOM	419	H1	HOH A	2	25.125	34.698	43.529	H
ATOM	420	H2	HOH A	3	24.325	36.067	43.535	H
ATOM	421	O	HOH A	1	24.319	35.289	65.993	O
ATOM	422	H1	HOH A	2	25.123	34.847	65.650	H
ATOM	423	H2	HOH A	3	24.318	36.213	65.666	H
ATOM	424	O	HOH A	1	46.960	35.192	21.665	O
ATOM	425	H1	HOH A	2	47.764	34.747	21.323	H
ATOM	426	H2	HOH A	3	46.961	36.115	21.334	H
ATOM	427	O	HOH A	1	46.961	35.165	43.805	O
ATOM	428	H1	HOH A	2	47.770	34.724	43.471	H
ATOM	429	H2	HOH A	3	46.962	36.088	43.476	H
ATOM	430	O	HOH A	1	46.919	35.333	65.916	O
ATOM	431	H1	HOH A	2	47.724	34.883	65.585	H
ATOM	432	H2	HOH A	3	46.928	36.254	65.583	H
ATOM	433	O	HOH A	1	6.271	35.137	21.729	O
ATOM	434	H1	HOH A	2	6.282	36.066	21.420	H

ATOM	435	H2	HOH A	3	6.260	35.143	22.709	H
ATOM	436	O	HOH A	1	6.226	35.178	43.875	O
ATOM	437	H1	HOH A	2	6.235	36.109	43.572	H
ATOM	438	H2	HOH A	3	6.229	35.178	44.855	H
ATOM	439	O	HOH A	1	6.289	35.174	65.984	O
ATOM	440	H1	HOH A	2	6.300	36.106	65.682	H
ATOM	441	H2	HOH A	3	6.283	35.174	66.964	H
ATOM	442	O	HOH A	1	28.872	35.203	21.756	O
ATOM	443	H1	HOH A	2	28.885	36.133	21.448	H
ATOM	444	H2	HOH A	3	28.871	35.208	22.736	H
ATOM	445	O	HOH A	1	28.874	35.147	43.859	O
ATOM	446	H1	HOH A	2	28.886	36.077	43.551	H
ATOM	447	H2	HOH A	3	28.878	35.152	44.839	H
ATOM	448	O	HOH A	1	28.849	35.338	65.972	O
ATOM	449	H1	HOH A	2	28.856	36.268	65.662	H
ATOM	450	H2	HOH A	3	28.842	35.346	66.952	H
ATOM	451	O	HOH A	1	51.489	35.211	21.653	O
ATOM	452	H1	HOH A	2	51.502	36.145	21.355	H
ATOM	453	H2	HOH A	3	51.487	35.206	22.633	H
ATOM	454	O	HOH A	1	51.494	35.188	43.808	O
ATOM	455	H1	HOH A	2	51.505	36.117	43.493	H
ATOM	456	H2	HOH A	3	51.490	35.200	44.787	H
ATOM	457	O	HOH A	1	51.477	35.326	65.919	O
ATOM	458	H1	HOH A	2	51.489	36.258	65.614	H
ATOM	459	H2	HOH A	3	51.473	35.328	66.899	H
ATOM	460	O	HOH A	1	10.772	35.136	21.760	O
ATOM	461	H1	HOH A	2	11.579	34.687	21.432	H
ATOM	462	H2	HOH A	3	10.784	36.059	21.430	H
ATOM	463	O	HOH A	1	10.724	35.164	43.891	O
ATOM	464	H1	HOH A	2	11.526	34.709	43.561	H
ATOM	465	H2	HOH A	3	10.737	36.084	43.553	H
ATOM	466	O	HOH A	1	10.781	35.181	65.984	O
ATOM	467	H1	HOH A	2	11.587	34.731	65.655	H
ATOM	468	H2	HOH A	3	10.793	36.104	65.654	H
ATOM	469	O	HOH A	1	33.367	35.224	21.736	O
ATOM	470	H1	HOH A	2	34.174	34.777	21.408	H

ATOM	471	H2	HOH A	3	33.378	36.148	21.408	H
ATOM	472	O	HOH A	1	33.387	35.149	43.843	O
ATOM	473	H1	HOH A	2	34.184	34.688	43.507	H
ATOM	474	H2	HOH A	3	33.404	36.068	43.504	H
ATOM	475	O	HOH A	1	33.360	35.364	65.976	O
ATOM	476	H1	HOH A	2	34.166	34.916	65.644	H
ATOM	477	H2	HOH A	3	33.374	36.290	65.655	H
ATOM	478	O	HOH A	1	55.987	35.187	21.679	O
ATOM	479	H1	HOH A	2	56.790	34.729	21.355	H
ATOM	480	H2	HOH A	3	56.010	36.109	21.347	H
ATOM	481	O	HOH A	1	55.976	35.205	43.830	O
ATOM	482	H1	HOH A	2	56.783	34.751	43.510	H
ATOM	483	H2	HOH A	3	55.991	36.125	43.492	H
ATOM	484	O	HOH A	1	55.974	35.291	65.926	O
ATOM	485	H1	HOH A	2	56.779	34.835	65.603	H
ATOM	486	H2	HOH A	3	55.993	36.212	65.590	H
ATOM	487	O	HOH A	1	15.297	35.166	21.803	O
ATOM	488	H1	HOH A	2	16.094	34.695	21.482	H
ATOM	489	H2	HOH A	3	14.509	34.697	21.459	H
ATOM	490	O	HOH A	1	15.271	35.186	43.900	O
ATOM	491	H1	HOH A	2	16.061	34.707	43.574	H
ATOM	492	H2	HOH A	3	14.476	34.728	43.556	H
ATOM	493	O	HOH A	1	15.294	35.226	66.008	O
ATOM	494	H1	HOH A	2	16.096	34.768	65.679	H
ATOM	495	H2	HOH A	3	14.510	34.749	65.663	H
ATOM	496	O	HOH A	1	37.916	35.253	21.749	O
ATOM	497	H1	HOH A	2	38.706	34.781	21.413	H
ATOM	498	H2	HOH A	3	37.120	34.790	21.414	H
ATOM	499	O	HOH A	1	37.919	35.161	43.846	O
ATOM	500	H1	HOH A	2	38.715	34.692	43.519	H
ATOM	501	H2	HOH A	3	37.129	34.686	43.511	H
ATOM	502	O	HOH A	1	37.883	35.401	65.979	O
ATOM	503	H1	HOH A	2	38.676	34.926	65.653	H
ATOM	504	H2	HOH A	3	37.090	34.936	65.641	H
ATOM	505	O	HOH A	1	60.517	35.175	21.688	O
ATOM	506	H1	HOH A	2	61.305	34.696	21.356	H

ATOM	507	H2	HOH A	3	59.719	34.710	21.359	H
ATOM	508	O	HOH A	1	60.493	35.213	43.862	O
ATOM	509	H1	HOH A	2	61.288	34.740	43.538	H
ATOM	510	H2	HOH A	3	59.703	34.747	43.517	H
ATOM	511	O	HOH A	1	60.496	35.264	65.975	O
ATOM	512	H1	HOH A	2	61.285	34.785	65.647	H
ATOM	513	H2	HOH A	3	59.699	34.802	65.639	H
ATOM	514	O	HOH A	1	19.803	35.188	21.790	O
ATOM	515	H1	HOH A	2	20.605	34.745	21.441	H
ATOM	516	H2	HOH A	3	19.802	36.112	21.465	H
ATOM	517	O	HOH A	1	19.791	35.191	43.881	O
ATOM	518	H1	HOH A	2	20.588	34.739	43.532	H
ATOM	519	H2	HOH A	3	19.795	36.112	43.547	H
ATOM	520	O	HOH A	1	19.808	35.269	65.990	O
ATOM	521	H1	HOH A	2	20.612	34.833	65.639	H
ATOM	522	H2	HOH A	3	19.803	36.196	65.672	H
ATOM	523	O	HOH A	1	42.440	35.255	21.698	O
ATOM	524	H1	HOH A	2	43.238	34.810	21.343	H
ATOM	525	H2	HOH A	3	42.444	36.182	21.378	H
ATOM	526	O	HOH A	1	42.443	35.177	43.816	O
ATOM	527	H1	HOH A	2	43.245	34.733	43.468	H
ATOM	528	H2	HOH A	3	42.439	36.099	43.484	H
ATOM	529	O	HOH A	1	42.398	35.396	65.949	O
ATOM	530	H1	HOH A	2	43.194	34.950	65.592	H
ATOM	531	H2	HOH A	3	42.394	36.319	65.620	H
ATOM	532	O	HOH A	1	65.015	35.162	21.691	O
ATOM	533	H1	HOH A	2	65.815	34.717	21.341	H
ATOM	534	H2	HOH A	3	65.016	36.087	21.367	H
ATOM	535	O	HOH A	1	64.989	35.204	43.863	O
ATOM	536	H1	HOH A	2	65.788	34.757	43.512	H
ATOM	537	H2	HOH A	3	64.986	36.125	43.530	H
ATOM	538	O	HOH A	1	65.009	35.223	65.978	O
ATOM	539	H1	HOH A	2	65.806	34.775	65.626	H
ATOM	540	H2	HOH A	3	65.015	36.149	65.656	H
ATOM	541	O	HOH A	1	22.052	39.090	21.749	O
ATOM	542	H1	HOH A	2	22.864	38.632	21.449	H

ATOM	543	H2	HOH A	3	22.046	39.084	22.729	H
ATOM	544	O	HOH A	1	22.053	39.067	43.861	O
ATOM	545	H1	HOH A	2	22.863	38.603	43.562	H
ATOM	546	H2	HOH A	3	22.053	39.075	44.841	H
ATOM	547	O	HOH A	1	22.050	39.184	65.966	O
ATOM	548	H1	HOH A	2	22.859	38.727	65.654	H
ATOM	549	H2	HOH A	3	22.057	39.177	66.946	H
ATOM	550	O	HOH A	1	44.677	39.140	21.671	O
ATOM	551	H1	HOH A	2	45.479	38.669	21.361	H
ATOM	552	H2	HOH A	3	44.677	39.123	22.651	H
ATOM	553	O	HOH A	1	44.671	39.091	43.797	O
ATOM	554	H1	HOH A	2	45.481	38.633	43.489	H
ATOM	555	H2	HOH A	3	44.677	39.090	44.777	H
ATOM	556	O	HOH A	1	44.654	39.268	65.923	O
ATOM	557	H1	HOH A	2	45.459	38.801	65.616	H
ATOM	558	H2	HOH A	3	44.655	39.264	66.903	H
ATOM	559	O	HOH A	1	67.277	39.042	21.699	O
ATOM	560	H1	HOH A	2	68.086	38.575	21.401	H
ATOM	561	H2	HOH A	3	67.267	39.035	22.679	H
ATOM	562	O	HOH A	1	67.232	39.088	43.857	O
ATOM	563	H1	HOH A	2	68.040	38.625	43.551	H
ATOM	564	H2	HOH A	3	67.235	39.086	44.837	H
ATOM	565	O	HOH A	1	67.273	39.111	65.971	O
ATOM	566	H1	HOH A	2	68.081	38.647	65.667	H
ATOM	567	H2	HOH A	3	67.273	39.107	66.951	H
ATOM	568	O	HOH A	1	3.991	39.026	21.771	O
ATOM	569	H1	HOH A	2	4.799	38.581	21.439	H
ATOM	570	H2	HOH A	3	3.996	39.948	21.438	H
ATOM	571	O	HOH A	1	3.949	39.083	43.913	O
ATOM	572	H1	HOH A	2	4.752	38.636	43.573	H
ATOM	573	H2	HOH A	3	3.958	40.009	43.592	H
ATOM	574	O	HOH A	1	3.997	39.076	66.023	O
ATOM	575	H1	HOH A	2	4.805	38.635	65.688	H
ATOM	576	H2	HOH A	3	4.004	40.003	65.707	H
ATOM	577	O	HOH A	1	26.581	39.109	21.786	O
ATOM	578	H1	HOH A	2	27.389	38.669	21.450	H

ATOM	579	H2	HOH A	3	26.584	40.035	21.463	H
ATOM	580	O	HOH A	1	26.597	39.045	43.889	O
ATOM	581	H1	HOH A	2	27.403	38.602	43.551	H
ATOM	582	H2	HOH A	3	26.597	39.968	43.558	H
ATOM	583	O	HOH A	1	26.574	39.222	66.010	O
ATOM	584	H1	HOH A	2	27.381	38.785	65.668	H
ATOM	585	H2	HOH A	3	26.576	40.151	65.697	H
ATOM	586	O	HOH A	1	49.197	39.103	21.703	O
ATOM	587	H1	HOH A	2	50.001	38.659	21.363	H
ATOM	588	H2	HOH A	3	49.205	40.030	21.385	H
ATOM	589	O	HOH A	1	49.201	39.088	43.845	O
ATOM	590	H1	HOH A	2	50.005	38.637	43.511	H
ATOM	591	H2	HOH A	3	49.213	40.011	43.517	H
ATOM	592	O	HOH A	1	49.181	39.239	65.968	O
ATOM	593	H1	HOH A	2	49.984	38.795	65.623	H
ATOM	594	H2	HOH A	3	49.185	40.165	65.648	H
ATOM	595	O	HOH A	1	8.530	39.058	21.764	O
ATOM	596	H1	HOH A	2	8.535	39.982	21.437	H
ATOM	597	H2	HOH A	3	8.521	39.085	22.744	H
ATOM	598	O	HOH A	1	8.499	39.091	43.899	O
ATOM	599	H1	HOH A	2	8.501	40.019	43.583	H
ATOM	600	H2	HOH A	3	8.488	39.105	44.878	H
ATOM	601	O	HOH A	1	8.549	39.083	66.002	O
ATOM	602	H1	HOH A	2	8.546	40.011	65.686	H
ATOM	603	H2	HOH A	3	8.535	39.096	66.981	H
ATOM	604	O	HOH A	1	31.141	39.137	21.755	O
ATOM	605	H1	HOH A	2	31.138	40.064	21.437	H
ATOM	606	H2	HOH A	3	31.129	39.153	22.735	H
ATOM	607	O	HOH A	1	31.163	39.054	43.855	O
ATOM	608	H1	HOH A	2	31.159	39.977	43.527	H
ATOM	609	H2	HOH A	3	31.156	39.081	44.835	H
ATOM	610	O	HOH A	1	31.144	39.277	65.976	O
ATOM	611	H1	HOH A	2	31.134	40.202	65.651	H
ATOM	612	H2	HOH A	3	31.133	39.300	66.955	H
ATOM	613	O	HOH A	1	53.772	39.107	21.676	O
ATOM	614	H1	HOH A	2	53.774	40.032	21.354	H

ATOM	615	H2	HOH A	3	53.761	39.126	22.655	H
ATOM	616	O	HOH A	1	53.753	39.091	43.826	O
ATOM	617	H1	HOH A	2	53.751	40.016	43.501	H
ATOM	618	H2	HOH A	3	53.741	39.115	44.805	H
ATOM	619	O	HOH A	1	53.746	39.223	65.950	O
ATOM	620	H1	HOH A	2	53.749	40.151	65.635	H
ATOM	621	H2	HOH A	3	53.735	39.236	66.930	H
ATOM	622	O	HOH A	1	13.050	39.075	21.775	O
ATOM	623	H1	HOH A	2	12.237	38.627	21.460	H
ATOM	624	H2	HOH A	3	13.032	39.999	21.450	H
ATOM	625	O	HOH A	1	13.027	39.114	43.895	O
ATOM	626	H1	HOH A	2	12.215	38.664	43.580	H
ATOM	627	H2	HOH A	3	13.006	40.038	43.570	H
ATOM	628	O	HOH A	1	13.055	39.147	65.999	O
ATOM	629	H1	HOH A	2	12.244	38.693	65.689	H
ATOM	630	H2	HOH A	3	13.027	40.072	65.675	H
ATOM	631	O	HOH A	1	35.661	39.181	21.724	O
ATOM	632	H1	HOH A	2	34.845	38.736	21.415	H
ATOM	633	H2	HOH A	3	35.644	40.106	21.398	H
ATOM	634	O	HOH A	1	35.687	39.105	43.826	O
ATOM	635	H1	HOH A	2	34.878	38.649	43.514	H
ATOM	636	H2	HOH A	3	35.659	40.029	43.501	H
ATOM	637	O	HOH A	1	35.658	39.329	65.969	O
ATOM	638	H1	HOH A	2	34.850	38.872	65.655	H
ATOM	639	H2	HOH A	3	35.632	40.251	65.640	H
ATOM	640	O	HOH A	1	58.285	39.121	21.683	O
ATOM	641	H1	HOH A	2	57.470	38.675	21.372	H
ATOM	642	H2	HOH A	3	58.266	40.046	21.360	H
ATOM	643	O	HOH A	1	58.260	39.146	43.836	O
ATOM	644	H1	HOH A	2	57.449	38.694	43.520	H
ATOM	645	H2	HOH A	3	58.240	40.069	43.508	H
ATOM	646	O	HOH A	1	58.264	39.205	65.953	O
ATOM	647	H1	HOH A	2	57.452	38.759	65.634	H
ATOM	648	H2	HOH A	3	58.247	40.131	65.634	H
ATOM	649	O	HOH A	1	17.535	39.076	21.799	O
ATOM	650	H1	HOH A	2	18.325	38.614	21.450	H

ATOM	651	H2	HOH A	3	16.740	38.605	21.473	H
ATOM	652	O	HOH A	1	17.520	39.097	43.906	O
ATOM	653	H1	HOH A	2	18.303	38.625	43.553	H
ATOM	654	H2	HOH A	3	16.718	38.631	43.590	H
ATOM	655	O	HOH A	1	17.527	39.157	66.008	O
ATOM	656	H1	HOH A	2	18.319	38.695	65.661	H
ATOM	657	H2	HOH A	3	16.734	38.676	65.691	H
ATOM	658	O	HOH A	1	40.148	39.161	21.737	O
ATOM	659	H1	HOH A	2	40.937	38.692	21.392	H
ATOM	660	H2	HOH A	3	39.351	38.688	21.418	H
ATOM	661	O	HOH A	1	40.163	39.081	43.834	O
ATOM	662	H1	HOH A	2	40.957	38.620	43.493	H
ATOM	663	H2	HOH A	3	39.371	38.603	43.509	H
ATOM	664	O	HOH A	1	40.141	39.322	65.963	O
ATOM	665	H1	HOH A	2	40.929	38.854	65.616	H
ATOM	666	H2	HOH A	3	39.344	38.847	65.649	H
ATOM	667	O	HOH A	1	62.754	39.081	21.706	O
ATOM	668	H1	HOH A	2	63.539	38.610	21.355	H
ATOM	669	H2	HOH A	3	61.954	38.619	21.381	H
ATOM	670	O	HOH A	1	62.731	39.122	43.860	O
ATOM	671	H1	HOH A	2	63.520	38.651	43.520	H
ATOM	672	H2	HOH A	3	61.934	38.654	43.535	H
ATOM	673	O	HOH A	1	62.750	39.165	65.991	O
ATOM	674	H1	HOH A	2	63.537	38.691	65.649	H
ATOM	675	H2	HOH A	3	61.951	38.696	65.670	H
ATOM	676	O	HOH A	1	1.760	42.946	21.728	O
ATOM	677	H1	HOH A	2	0.951	42.495	21.408	H
ATOM	678	H2	HOH A	3	1.744	42.936	22.708	H
ATOM	679	O	HOH A	1	1.717	42.974	43.866	O
ATOM	680	H1	HOH A	2	0.907	42.520	43.553	H
ATOM	681	H2	HOH A	3	1.712	42.960	44.846	H
ATOM	682	O	HOH A	1	1.743	42.986	65.994	O
ATOM	683	H1	HOH A	2	0.932	42.541	65.671	H
ATOM	684	H2	HOH A	3	1.731	42.964	66.974	H
ATOM	685	O	HOH A	1	24.333	42.984	21.770	O
ATOM	686	H1	HOH A	2	23.526	42.527	21.454	H

ATOM	687	H2	HOH A	3	24.325	42.968	22.750	H
ATOM	688	O	HOH A	1	24.342	42.944	43.856	O
ATOM	689	H1	HOH A	2	23.530	42.496	43.539	H
ATOM	690	H2	HOH A	3	24.329	42.936	44.836	H
ATOM	691	O	HOH A	1	24.324	43.104	65.976	O
ATOM	692	H1	HOH A	2	23.522	42.639	65.659	H
ATOM	693	H2	HOH A	3	24.315	43.089	66.956	H
ATOM	694	O	HOH A	1	46.981	43.015	21.670	O
ATOM	695	H1	HOH A	2	46.168	42.569	21.353	H
ATOM	696	H2	HOH A	3	46.972	43.001	22.650	H
ATOM	697	O	HOH A	1	46.961	42.979	43.808	O
ATOM	698	H1	HOH A	2	46.151	42.524	43.497	H
ATOM	699	H2	HOH A	3	46.956	42.970	44.788	H
ATOM	700	O	HOH A	1	46.929	43.157	65.917	O
ATOM	701	H1	HOH A	2	46.116	42.708	65.604	H
ATOM	702	H2	HOH A	3	46.923	43.147	66.897	H
ATOM	703	O	HOH A	1	6.235	42.951	21.756	O
ATOM	704	H1	HOH A	2	7.051	42.518	21.427	H
ATOM	705	H2	HOH A	3	6.225	43.872	21.421	H
ATOM	706	O	HOH A	1	6.208	42.999	43.909	O
ATOM	707	H1	HOH A	2	7.024	42.564	43.586	H
ATOM	708	H2	HOH A	3	6.209	43.924	43.583	H
ATOM	709	O	HOH A	1	6.243	42.982	66.014	O
ATOM	710	H1	HOH A	2	7.055	42.548	65.678	H
ATOM	711	H2	HOH A	3	6.237	43.906	65.690	H
ATOM	712	O	HOH A	1	28.838	43.045	21.765	O
ATOM	713	H1	HOH A	2	29.652	42.615	21.428	H
ATOM	714	H2	HOH A	3	28.829	43.971	21.443	H
ATOM	715	O	HOH A	1	28.836	42.968	43.858	O
ATOM	716	H1	HOH A	2	29.648	42.528	43.532	H
ATOM	717	H2	HOH A	3	28.835	43.889	43.523	H
ATOM	718	O	HOH A	1	28.829	43.163	65.984	O
ATOM	719	H1	HOH A	2	29.645	42.735	65.649	H
ATOM	720	H2	HOH A	3	28.817	44.087	65.659	H
ATOM	721	O	HOH A	1	51.463	43.009	21.685	O
ATOM	722	H1	HOH A	2	52.279	42.573	21.362	H

ATOM	723	H2	HOH A	3	51.461	43.931	21.355	H
ATOM	724	O	HOH A	1	51.455	42.997	43.828	O
ATOM	725	H1	HOH A	2	52.267	42.559	43.499	H
ATOM	726	H2	HOH A	3	51.453	43.920	43.497	H
ATOM	727	O	HOH A	1	51.429	43.131	65.948	O
ATOM	728	H1	HOH A	2	52.245	42.702	65.615	H
ATOM	729	H2	HOH A	3	51.417	44.054	65.619	H
ATOM	730	O	HOH A	1	10.776	42.962	21.778	O
ATOM	731	H1	HOH A	2	10.778	43.888	21.457	H
ATOM	732	H2	HOH A	3	10.767	42.981	22.758	H
ATOM	733	O	HOH A	1	10.747	43.000	43.905	O
ATOM	734	H1	HOH A	2	10.740	43.929	43.593	H
ATOM	735	H2	HOH A	3	10.752	43.010	44.885	H
ATOM	736	O	HOH A	1	10.784	43.019	66.010	O
ATOM	737	H1	HOH A	2	10.779	43.947	65.695	H
ATOM	738	H2	HOH A	3	10.783	43.031	66.990	H
ATOM	739	O	HOH A	1	33.390	43.054	21.755	O
ATOM	740	H1	HOH A	2	33.377	43.981	21.437	H
ATOM	741	H2	HOH A	3	33.388	43.071	22.735	H
ATOM	742	O	HOH A	1	33.389	42.969	43.857	O
ATOM	743	H1	HOH A	2	33.381	43.896	43.537	H
ATOM	744	H2	HOH A	3	33.395	42.987	44.837	H
ATOM	745	O	HOH A	1	33.381	43.212	65.972	O
ATOM	746	H1	HOH A	2	33.375	44.140	65.656	H
ATOM	747	H2	HOH A	3	33.378	43.226	66.952	H
ATOM	748	O	HOH A	1	56.011	43.020	21.683	O
ATOM	749	H1	HOH A	2	55.994	43.948	21.369	H
ATOM	750	H2	HOH A	3	56.014	43.032	22.663	H
ATOM	751	O	HOH A	1	55.981	43.019	43.847	O
ATOM	752	H1	HOH A	2	55.968	43.946	43.529	H
ATOM	753	H2	HOH A	3	55.980	43.036	44.827	H
ATOM	754	O	HOH A	1	55.982	43.111	65.954	O
ATOM	755	H1	HOH A	2	55.983	44.039	65.639	H
ATOM	756	H2	HOH A	3	55.983	43.124	66.934	H
ATOM	757	O	HOH A	1	15.280	43.028	21.784	O
ATOM	758	H1	HOH A	2	14.470	42.577	21.466	H

ATOM	759	H2	HOH A	3	15.263	43.027	22.764	H
ATOM	760	O	HOH A	1	15.269	43.028	43.909	O
ATOM	761	H1	HOH A	2	14.458	42.578	43.590	H
ATOM	762	H2	HOH A	3	15.253	43.021	44.889	H
ATOM	763	O	HOH A	1	15.290	43.084	65.990	O
ATOM	764	H1	HOH A	2	14.485	42.625	65.669	H
ATOM	765	H2	HOH A	3	15.274	43.074	66.970	H
ATOM	766	O	HOH A	1	37.904	43.108	21.723	O
ATOM	767	H1	HOH A	2	37.096	42.653	21.406	H
ATOM	768	H2	HOH A	3	37.892	43.099	22.703	H
ATOM	769	O	HOH A	1	37.909	43.027	43.829	O
ATOM	770	H1	HOH A	2	37.097	42.575	43.517	H
ATOM	771	H2	HOH A	3	37.896	43.028	44.809	H
ATOM	772	O	HOH A	1	37.891	43.253	65.976	O
ATOM	773	H1	HOH A	2	37.083	42.801	65.656	H
ATOM	774	H2	HOH A	3	37.872	43.249	66.955	H
ATOM	775	O	HOH A	1	60.514	43.037	21.685	O
ATOM	776	H1	HOH A	2	59.707	42.582	21.364	H
ATOM	777	H2	HOH A	3	60.492	43.038	22.664	H
ATOM	778	O	HOH A	1	60.494	43.057	43.843	O
ATOM	779	H1	HOH A	2	59.683	42.608	43.524	H
ATOM	780	H2	HOH A	3	60.479	43.050	44.823	H
ATOM	781	O	HOH A	1	60.494	43.118	65.964	O
ATOM	782	H1	HOH A	2	59.681	42.670	65.649	H
ATOM	783	H2	HOH A	3	60.482	43.114	66.943	H
ATOM	784	O	HOH A	1	19.786	42.989	21.783	O
ATOM	785	H1	HOH A	2	20.575	42.513	21.448	H
ATOM	786	H2	HOH A	3	18.989	42.517	21.463	H
ATOM	787	O	HOH A	1	19.778	42.971	43.901	O
ATOM	788	H1	HOH A	2	20.562	42.489	43.563	H
ATOM	789	H2	HOH A	3	18.976	42.505	43.584	H
ATOM	790	O	HOH A	1	19.790	43.063	65.995	O
ATOM	791	H1	HOH A	2	20.579	42.594	65.652	H
ATOM	792	H2	HOH A	3	18.994	42.586	65.681	H
ATOM	793	O	HOH A	1	42.415	43.036	21.717	O
ATOM	794	H1	HOH A	2	43.201	42.561	21.375	H

ATOM	795	H2	HOH A	3	41.616	42.567	21.399	H
ATOM	796	O	HOH A	1	42.404	42.991	43.821	O
ATOM	797	H1	HOH A	2	43.195	42.522	43.481	H
ATOM	798	H2	HOH A	3	41.609	42.509	43.508	H
ATOM	799	O	HOH A	1	42.386	43.194	65.948	O
ATOM	800	H1	HOH A	2	43.170	42.708	65.615	H
ATOM	801	H2	HOH A	3	41.584	42.728	65.630	H
ATOM	802	O	HOH A	1	65.015	42.964	21.700	O
ATOM	803	H1	HOH A	2	65.803	42.482	21.372	H
ATOM	804	H2	HOH A	3	64.217	42.491	21.383	H
ATOM	805	O	HOH A	1	64.978	43.007	43.869	O
ATOM	806	H1	HOH A	2	65.768	42.529	43.540	H
ATOM	807	H2	HOH A	3	64.182	42.533	43.548	H
ATOM	808	O	HOH A	1	65.000	43.035	65.986	O
ATOM	809	H1	HOH A	2	65.785	42.551	65.653	H
ATOM	810	H2	HOH A	3	64.199	42.567	65.671	H
ATOM	811	O	HOH A	1	1.756	45.575	20.816	O
ATOM	812	H1	HOH A	2	1.751	44.652	21.145	H
ATOM	813	H2	HOH A	3	1.746	45.548	19.837	H
ATOM	814	O	HOH A	1	1.725	45.600	42.970	O
ATOM	815	H1	HOH A	2	1.716	44.673	43.288	H
ATOM	816	H2	HOH A	3	1.714	45.584	41.991	H
ATOM	817	O	HOH A	1	1.754	45.619	65.084	O
ATOM	818	H1	HOH A	2	1.741	44.693	65.404	H
ATOM	819	H2	HOH A	3	1.744	45.601	64.104	H
ATOM	820	O	HOH A	1	24.344	45.609	20.863	O
ATOM	821	H1	HOH A	2	24.330	44.681	21.178	H
ATOM	822	H2	HOH A	3	24.344	45.596	19.883	H
ATOM	823	O	HOH A	1	24.329	45.575	42.953	O
ATOM	824	H1	HOH A	2	24.329	44.646	43.265	H
ATOM	825	H2	HOH A	3	24.322	45.566	41.973	H
ATOM	826	O	HOH A	1	24.345	45.725	65.063	O
ATOM	827	H1	HOH A	2	24.338	44.797	65.378	H
ATOM	828	H2	HOH A	3	24.340	45.713	64.083	H
ATOM	829	O	HOH A	1	46.962	45.651	20.765	O
ATOM	830	H1	HOH A	2	46.962	44.722	21.079	H

ATOM	831	H2	HOH A	3	46.946	45.640	19.786	H
ATOM	832	O	HOH A	1	46.979	45.599	42.892	O
ATOM	833	H1	HOH A	2	46.965	44.676	43.221	H
ATOM	834	H2	HOH A	3	46.974	45.572	41.912	H
ATOM	835	O	HOH A	1	46.929	45.781	65.013	O
ATOM	836	H1	HOH A	2	46.918	44.854	65.331	H
ATOM	837	H2	HOH A	3	46.929	45.766	64.033	H
ATOM	838	O	HOH A	1	6.251	45.556	20.835	O
ATOM	839	H1	HOH A	2	5.458	46.036	21.153	H
ATOM	840	H2	HOH A	3	6.241	45.569	19.855	H
ATOM	841	O	HOH A	1	6.235	45.610	42.997	O
ATOM	842	H1	HOH A	2	5.436	46.079	43.316	H
ATOM	843	H2	HOH A	3	6.222	45.620	42.018	H
ATOM	844	O	HOH A	1	6.256	45.603	65.100	O
ATOM	845	H1	HOH A	2	5.462	46.071	65.432	H
ATOM	846	H2	HOH A	3	6.231	45.620	64.121	H
ATOM	847	O	HOH A	1	28.850	45.671	20.862	O
ATOM	848	H1	HOH A	2	28.052	46.132	21.195	H
ATOM	849	H2	HOH A	3	28.831	45.703	19.882	H
ATOM	850	O	HOH A	1	28.853	45.576	42.953	O
ATOM	851	H1	HOH A	2	28.055	46.043	43.278	H
ATOM	852	H2	HOH A	3	28.834	45.590	41.973	H
ATOM	853	O	HOH A	1	28.849	45.770	65.069	O
ATOM	854	H1	HOH A	2	28.051	46.241	65.387	H
ATOM	855	H2	HOH A	3	28.835	45.779	64.089	H
ATOM	856	O	HOH A	1	51.477	45.628	20.765	O
ATOM	857	H1	HOH A	2	50.685	46.100	21.096	H
ATOM	858	H2	HOH A	3	51.457	45.653	19.786	H
ATOM	859	O	HOH A	1	51.473	45.608	42.909	O
ATOM	860	H1	HOH A	2	50.677	46.082	43.227	H
ATOM	861	H2	HOH A	3	51.461	45.620	41.929	H
ATOM	862	O	HOH A	1	51.429	45.743	65.035	O
ATOM	863	H1	HOH A	2	50.636	46.217	65.362	H
ATOM	864	H2	HOH A	3	51.419	45.775	64.056	H
ATOM	865	O	HOH A	1	10.778	45.584	20.865	O
ATOM	866	H1	HOH A	2	9.962	46.019	21.190	H

ATOM	867	H2	HOH A	3	10.768	45.617	19.885	H
ATOM	868	O	HOH A	1	10.735	45.616	43.016	O
ATOM	869	H1	HOH A	2	9.926	46.067	43.338	H
ATOM	870	H2	HOH A	3	10.722	45.637	42.036	H
ATOM	871	O	HOH A	1	10.779	45.637	65.116	O
ATOM	872	H1	HOH A	2	9.966	46.074	65.446	H
ATOM	873	H2	HOH A	3	10.762	45.667	64.136	H
ATOM	874	O	HOH A	1	33.364	45.673	20.861	O
ATOM	875	H1	HOH A	2	32.555	46.113	21.194	H
ATOM	876	H2	HOH A	3	33.347	45.709	19.881	H
ATOM	877	O	HOH A	1	33.374	45.586	42.961	O
ATOM	878	H1	HOH A	2	32.562	46.029	43.286	H
ATOM	879	H2	HOH A	3	33.358	45.605	41.982	H
ATOM	880	O	HOH A	1	33.375	45.825	65.076	O
ATOM	881	H1	HOH A	2	32.560	46.262	65.399	H
ATOM	882	H2	HOH A	3	33.363	45.849	64.096	H
ATOM	883	O	HOH A	1	55.986	45.629	20.795	O
ATOM	884	H1	HOH A	2	55.172	46.066	21.123	H
ATOM	885	H2	HOH A	3	55.968	45.653	19.815	H
ATOM	886	O	HOH A	1	55.980	45.635	42.945	O
ATOM	887	H1	HOH A	2	55.171	46.086	43.265	H
ATOM	888	H2	HOH A	3	55.972	45.657	41.965	H
ATOM	889	O	HOH A	1	55.950	45.734	65.062	O
ATOM	890	H1	HOH A	2	55.137	46.175	65.384	H
ATOM	891	H2	HOH A	3	55.943	45.764	64.082	H
ATOM	892	O	HOH A	1	15.275	45.629	20.833	O
ATOM	893	H1	HOH A	2	15.286	44.714	21.185	H
ATOM	894	H2	HOH A	3	16.086	46.083	21.145	H
ATOM	895	O	HOH A	1	15.261	45.633	42.975	O
ATOM	896	H1	HOH A	2	15.265	44.717	43.323	H
ATOM	897	H2	HOH A	3	16.076	46.079	43.286	H
ATOM	898	O	HOH A	1	15.287	45.691	65.056	O
ATOM	899	H1	HOH A	2	15.296	44.775	65.405	H
ATOM	900	H2	HOH A	3	16.097	46.143	65.371	H
ATOM	901	O	HOH A	1	37.887	45.718	20.797	O
ATOM	902	H1	HOH A	2	37.891	44.800	21.140	H

ATOM	903	H2	HOH A	3	38.699	46.164	21.119	H
ATOM	904	O	HOH A	1	37.895	45.635	42.899	O
ATOM	905	H1	HOH A	2	37.900	44.717	43.242	H
ATOM	906	H2	HOH A	3	38.706	46.083	43.219	H
ATOM	907	O	HOH A	1	37.878	45.860	65.033	O
ATOM	908	H1	HOH A	2	37.889	44.945	65.384	H
ATOM	909	H2	HOH A	3	38.691	46.312	65.342	H
ATOM	910	O	HOH A	1	60.487	45.644	20.762	O
ATOM	911	H1	HOH A	2	60.493	44.725	21.104	H
ATOM	912	H2	HOH A	3	61.299	46.091	21.081	H
ATOM	913	O	HOH A	1	60.482	45.658	42.916	O
ATOM	914	H1	HOH A	2	60.485	44.741	43.261	H
ATOM	915	H2	HOH A	3	61.295	46.104	43.234	H
ATOM	916	O	HOH A	1	60.468	45.724	65.037	O
ATOM	917	H1	HOH A	2	60.475	44.805	65.379	H
ATOM	918	H2	HOH A	3	61.283	46.169	65.351	H
ATOM	919	O	HOH A	1	19.807	45.580	20.842	O
ATOM	920	H1	HOH A	2	19.822	44.656	21.168	H
ATOM	921	H2	HOH A	3	20.612	46.031	21.173	H
ATOM	922	O	HOH A	1	19.801	45.571	42.959	O
ATOM	923	H1	HOH A	2	19.819	44.645	43.280	H
ATOM	924	H2	HOH A	3	20.603	46.023	43.294	H
ATOM	925	O	HOH A	1	19.827	45.653	65.047	O
ATOM	926	H1	HOH A	2	19.841	44.731	65.379	H
ATOM	927	H2	HOH A	3	20.630	46.106	65.380	H
ATOM	928	O	HOH A	1	42.433	45.641	20.787	O
ATOM	929	H1	HOH A	2	42.444	44.713	21.103	H
ATOM	930	H2	HOH A	3	43.244	46.083	21.118	H
ATOM	931	O	HOH A	1	42.435	45.582	42.882	O
ATOM	932	H1	HOH A	2	42.442	44.657	43.206	H
ATOM	933	H2	HOH A	3	43.246	46.023	43.210	H
ATOM	934	O	HOH A	1	42.414	45.790	64.997	O
ATOM	935	H1	HOH A	2	42.423	44.865	65.323	H
ATOM	936	H2	HOH A	3	43.220	46.236	65.331	H
ATOM	937	O	HOH A	1	65.026	45.564	20.761	O
ATOM	938	H1	HOH A	2	65.039	44.639	21.086	H

ATOM	939	H2	HOH A	3	65.828	46.014	21.099	H
ATOM	940	O	HOH A	1	65.009	45.604	42.921	O
ATOM	941	H1	HOH A	2	65.017	44.679	43.246	H
ATOM	942	H2	HOH A	3	65.815	46.049	43.256	H
ATOM	943	O	HOH A	1	65.016	45.628	65.044	O
ATOM	944	H1	HOH A	2	65.027	44.703	65.368	H
ATOM	945	H2	HOH A	3	65.828	46.072	65.369	H
ATOM	946	O	HOH A	1	22.076	26.046	20.862	O
ATOM	947	H1	HOH A	2	22.096	25.125	21.198	H
ATOM	948	H2	HOH A	3	22.877	26.505	21.190	H
ATOM	949	O	HOH A	1	22.068	26.028	42.971	O
ATOM	950	H1	HOH A	2	22.094	25.107	43.306	H
ATOM	951	H2	HOH A	3	22.867	26.492	43.298	H
ATOM	952	O	HOH A	1	22.092	26.151	65.069	O
ATOM	953	H1	HOH A	2	22.107	25.231	65.406	H
ATOM	954	H2	HOH A	3	22.892	26.609	65.402	H
ATOM	955	O	HOH A	1	44.708	26.093	20.782	O
ATOM	956	H1	HOH A	2	44.726	25.174	21.121	H
ATOM	957	H2	HOH A	3	45.511	26.551	21.108	H
ATOM	958	O	HOH A	1	44.718	26.031	42.905	O
ATOM	959	H1	HOH A	2	44.740	25.112	43.245	H
ATOM	960	H2	HOH A	3	45.516	26.494	43.233	H
ATOM	961	O	HOH A	1	44.671	26.242	65.022	O
ATOM	962	H1	HOH A	2	44.692	25.324	65.363	H
ATOM	963	H2	HOH A	3	45.470	26.706	65.349	H
ATOM	964	O	HOH A	1	67.295	26.024	20.810	O
ATOM	965	H1	HOH A	2	67.312	25.104	21.147	H
ATOM	966	H2	HOH A	3	68.092	26.484	21.148	H
ATOM	967	O	HOH A	1	67.270	26.053	42.953	O
ATOM	968	H1	HOH A	2	67.292	25.132	43.287	H
ATOM	969	H2	HOH A	3	68.069	26.514	43.283	H
ATOM	970	O	HOH A	1	67.277	26.077	65.065	O
ATOM	971	H1	HOH A	2	67.299	25.157	65.403	H
ATOM	972	H2	HOH A	3	68.078	26.538	65.389	H
ATOM	973	O	HOH A	1	3.996	26.047	20.820	O
ATOM	974	H1	HOH A	2	3.991	25.120	21.138	H

ATOM	975	H2	HOH A	3	4.001	26.031	19.841	H
ATOM	976	O	HOH A	1	3.962	26.073	42.997	O
ATOM	977	H1	HOH A	2	3.959	25.144	43.307	H
ATOM	978	H2	HOH A	3	3.972	26.066	42.017	H
ATOM	979	O	HOH A	1	3.997	26.074	65.089	O
ATOM	980	H1	HOH A	2	3.988	25.143	65.392	H
ATOM	981	H2	HOH A	3	4.009	26.074	64.109	H
ATOM	982	O	HOH A	1	26.583	26.100	20.872	O
ATOM	983	H1	HOH A	2	26.585	25.170	21.179	H
ATOM	984	H2	HOH A	3	26.592	26.096	19.892	H
ATOM	985	O	HOH A	1	26.586	26.055	42.970	O
ATOM	986	H1	HOH A	2	26.582	25.126	43.283	H
ATOM	987	H2	HOH A	3	26.597	26.044	41.991	H
ATOM	988	O	HOH A	1	26.593	26.211	65.074	O
ATOM	989	H1	HOH A	2	26.589	25.283	65.388	H
ATOM	990	H2	HOH A	3	26.597	26.199	64.094	H
ATOM	991	O	HOH A	1	49.214	26.114	20.775	O
ATOM	992	H1	HOH A	2	49.207	25.184	21.081	H
ATOM	993	H2	HOH A	3	49.226	26.111	19.795	H
ATOM	994	O	HOH A	1	49.225	26.074	42.926	O
ATOM	995	H1	HOH A	2	49.221	25.147	43.244	H
ATOM	996	H2	HOH A	3	49.234	26.059	41.947	H
ATOM	997	O	HOH A	1	49.167	26.242	65.037	O
ATOM	998	H1	HOH A	2	49.154	25.314	65.350	H
ATOM	999	H2	HOH A	3	49.183	26.231	64.057	H
ATOM	1000	O	HOH A	1	8.516	25.993	20.852	O
ATOM	1001	H1	HOH A	2	8.520	25.076	21.199	H
ATOM	1002	H2	HOH A	3	9.323	26.444	21.179	H
ATOM	1003	O	HOH A	1	8.478	26.042	43.012	O
ATOM	1004	H1	HOH A	2	8.486	25.124	43.354	H
ATOM	1005	H2	HOH A	3	9.288	26.491	43.332	H
ATOM	1006	O	HOH A	1	8.514	26.053	65.106	O
ATOM	1007	H1	HOH A	2	8.522	25.135	65.448	H
ATOM	1008	H2	HOH A	3	9.324	26.503	65.426	H
ATOM	1009	O	HOH A	1	31.113	26.110	20.873	O
ATOM	1010	H1	HOH A	2	31.123	25.192	21.215	H

ATOM	1011	H2	HOH A	3	31.924	26.560	21.189	H
ATOM	1012	O	HOH A	1	31.111	26.025	42.967	O
ATOM	1013	H1	HOH A	2	31.113	25.106	43.306	H
ATOM	1014	H2	HOH A	3	31.926	26.467	43.283	H
ATOM	1015	O	HOH A	1	31.111	26.225	65.079	O
ATOM	1016	H1	HOH A	2	31.125	25.307	65.420	H
ATOM	1017	H2	HOH A	3	31.915	26.682	65.405	H
ATOM	1018	O	HOH A	1	53.718	26.057	20.802	O
ATOM	1019	H1	HOH A	2	53.728	25.138	21.142	H
ATOM	1020	H2	HOH A	3	54.528	26.507	21.122	H
ATOM	1021	O	HOH A	1	53.722	26.055	42.927	O
ATOM	1022	H1	HOH A	2	53.722	25.140	43.279	H
ATOM	1023	H2	HOH A	3	54.532	26.503	43.249	H
ATOM	1024	O	HOH A	1	53.689	26.162	65.058	O
ATOM	1025	H1	HOH A	2	53.694	25.243	65.397	H
ATOM	1026	H2	HOH A	3	54.501	26.607	65.378	H
ATOM	1027	O	HOH A	1	13.031	26.037	20.814	O
ATOM	1028	H1	HOH A	2	13.030	25.117	21.152	H
ATOM	1029	H2	HOH A	3	13.839	26.481	21.144	H
ATOM	1030	O	HOH A	1	12.994	26.048	42.946	O
ATOM	1031	H1	HOH A	2	13.005	25.127	43.280	H
ATOM	1032	H2	HOH A	3	13.802	26.498	43.272	H
ATOM	1033	O	HOH A	1	13.043	26.081	65.029	O
ATOM	1034	H1	HOH A	2	13.044	25.160	65.364	H
ATOM	1035	H2	HOH A	3	13.848	26.527	65.365	H
ATOM	1036	O	HOH A	1	35.640	26.113	20.776	O
ATOM	1037	H1	HOH A	2	35.634	25.194	21.117	H
ATOM	1038	H2	HOH A	3	36.451	26.553	21.107	H
ATOM	1039	O	HOH A	1	35.644	26.036	42.895	O
ATOM	1040	H1	HOH A	2	35.645	25.115	43.230	H
ATOM	1041	H2	HOH A	3	36.455	26.478	43.222	H
ATOM	1042	O	HOH A	1	35.627	26.265	65.016	O
ATOM	1043	H1	HOH A	2	35.632	25.345	65.353	H
ATOM	1044	H2	HOH A	3	36.434	26.713	65.345	H
ATOM	1045	O	HOH A	1	58.237	26.066	20.724	O
ATOM	1046	H1	HOH A	2	58.239	25.147	21.064	H

ATOM	1047	H2	HOH A	3	59.044	26.513	21.054	H
ATOM	1048	O	HOH A	1	58.228	26.075	42.891	O
ATOM	1049	H1	HOH A	2	58.235	25.155	43.230	H
ATOM	1050	H2	HOH A	3	59.035	26.524	43.217	H
ATOM	1051	O	HOH A	1	58.213	26.144	65.011	O
ATOM	1052	H1	HOH A	2	58.211	25.224	65.348	H
ATOM	1053	H2	HOH A	3	59.024	26.586	65.340	H
ATOM	1054	O	HOH A	1	17.569	26.024	20.839	O
ATOM	1055	H1	HOH A	2	18.370	26.492	21.154	H
ATOM	1056	H2	HOH A	3	17.578	26.033	19.859	H
ATOM	1057	O	HOH A	1	17.533	26.008	42.973	O
ATOM	1058	H1	HOH A	2	18.335	26.477	43.284	H
ATOM	1059	H2	HOH A	3	17.538	26.017	41.993	H
ATOM	1060	O	HOH A	1	17.583	26.088	65.059	O
ATOM	1061	H1	HOH A	2	18.383	26.561	65.369	H
ATOM	1062	H2	HOH A	3	17.589	26.093	64.079	H
ATOM	1063	O	HOH A	1	40.188	26.094	20.788	O
ATOM	1064	H1	HOH A	2	40.993	26.557	21.102	H
ATOM	1065	H2	HOH A	3	40.195	26.105	19.808	H
ATOM	1066	O	HOH A	1	40.184	26.014	42.907	O
ATOM	1067	H1	HOH A	2	40.987	26.482	43.217	H
ATOM	1068	H2	HOH A	3	40.194	26.013	41.927	H
ATOM	1069	O	HOH A	1	40.156	26.235	65.019	O
ATOM	1070	H1	HOH A	2	40.957	26.709	65.329	H
ATOM	1071	H2	HOH A	3	40.165	26.235	64.039	H
ATOM	1072	O	HOH A	1	62.769	25.999	20.761	O
ATOM	1073	H1	HOH A	2	63.572	26.462	21.082	H
ATOM	1074	H2	HOH A	3	62.785	26.009	19.781	H
ATOM	1075	O	HOH A	1	62.755	26.038	42.935	O
ATOM	1076	H1	HOH A	2	63.558	26.499	43.254	H
ATOM	1077	H2	HOH A	3	62.765	26.054	41.955	H
ATOM	1078	O	HOH A	1	62.768	26.083	65.052	O
ATOM	1079	H1	HOH A	2	63.570	26.549	65.367	H
ATOM	1080	H2	HOH A	3	62.776	26.096	64.072	H
ATOM	1081	O	HOH A	1	1.776	29.977	20.808	O
ATOM	1082	H1	HOH A	2	1.755	29.054	21.136	H

ATOM	1083	H2	HOH A	3	0.969	30.431	21.126	H
ATOM	1084	O	HOH A	1	1.754	30.014	42.960	O
ATOM	1085	H1	HOH A	2	1.725	29.095	43.300	H
ATOM	1086	H2	HOH A	3	0.952	30.480	43.277	H
ATOM	1087	O	HOH A	1	1.781	30.021	65.067	O
ATOM	1088	H1	HOH A	2	1.758	29.097	65.393	H
ATOM	1089	H2	HOH A	3	0.976	30.477	65.389	H
ATOM	1090	O	HOH A	1	24.379	30.025	20.865	O
ATOM	1091	H1	HOH A	2	24.350	29.098	21.181	H
ATOM	1092	H2	HOH A	3	23.573	30.481	21.187	H
ATOM	1093	O	HOH A	1	24.368	30.004	42.970	O
ATOM	1094	H1	HOH A	2	24.340	29.081	43.298	H
ATOM	1095	H2	HOH A	3	23.568	30.467	43.297	H
ATOM	1096	O	HOH A	1	24.383	30.139	65.082	O
ATOM	1097	H1	HOH A	2	24.358	29.216	65.410	H
ATOM	1098	H2	HOH A	3	23.574	30.594	65.395	H
ATOM	1099	O	HOH A	1	46.996	30.060	20.766	O
ATOM	1100	H1	HOH A	2	46.970	29.135	21.090	H
ATOM	1101	H2	HOH A	3	46.194	30.518	21.094	H
ATOM	1102	O	HOH A	1	47.013	30.008	42.910	O
ATOM	1103	H1	HOH A	2	46.987	29.084	43.235	H
ATOM	1104	H2	HOH A	3	46.210	30.466	43.234	H
ATOM	1105	O	HOH A	1	46.955	30.205	65.022	O
ATOM	1106	H1	HOH A	2	46.929	29.282	65.351	H
ATOM	1107	H2	HOH A	3	46.150	30.663	65.343	H
ATOM	1108	O	HOH A	1	6.283	29.933	20.834	O
ATOM	1109	H1	HOH A	2	6.294	29.014	21.175	H
ATOM	1110	H2	HOH A	3	7.085	30.389	21.165	H
ATOM	1111	O	HOH A	1	6.247	29.966	42.990	O
ATOM	1112	H1	HOH A	2	6.258	29.047	43.331	H
ATOM	1113	H2	HOH A	3	7.054	30.419	43.312	H
ATOM	1114	O	HOH A	1	6.290	29.970	65.095	O
ATOM	1115	H1	HOH A	2	6.301	29.053	65.441	H
ATOM	1116	H2	HOH A	3	7.096	30.424	65.417	H
ATOM	1117	O	HOH A	1	28.884	30.010	20.867	O
ATOM	1118	H1	HOH A	2	28.888	29.093	21.213	H

ATOM	1119	H2	HOH A	3	29.688	30.462	21.199	H
ATOM	1120	O	HOH A	1	28.882	29.946	42.983	O
ATOM	1121	H1	HOH A	2	28.889	29.027	43.322	H
ATOM	1122	H2	HOH A	3	29.690	30.395	43.307	H
ATOM	1123	O	HOH A	1	28.888	30.143	65.080	O
ATOM	1124	H1	HOH A	2	28.896	29.225	65.422	H
ATOM	1125	H2	HOH A	3	29.694	30.596	65.405	H
ATOM	1126	O	HOH A	1	51.506	29.996	20.780	O
ATOM	1127	H1	HOH A	2	51.515	29.077	21.121	H
ATOM	1128	H2	HOH A	3	52.312	30.447	21.107	H
ATOM	1129	O	HOH A	1	51.518	29.989	42.910	O
ATOM	1130	H1	HOH A	2	51.523	29.070	43.251	H
ATOM	1131	H2	HOH A	3	52.323	30.439	43.240	H
ATOM	1132	O	HOH A	1	51.473	30.125	65.036	O
ATOM	1133	H1	HOH A	2	51.479	29.205	65.373	H
ATOM	1134	H2	HOH A	3	52.278	30.574	65.368	H
ATOM	1135	O	HOH A	1	10.798	29.945	20.872	O
ATOM	1136	H1	HOH A	2	10.801	29.014	21.175	H
ATOM	1137	H2	HOH A	3	10.790	29.945	19.892	H
ATOM	1138	O	HOH A	1	10.777	29.977	43.002	O
ATOM	1139	H1	HOH A	2	10.772	29.049	43.316	H
ATOM	1140	H2	HOH A	3	10.770	29.966	42.022	H
ATOM	1141	O	HOH A	1	10.810	29.989	65.096	O
ATOM	1142	H1	HOH A	2	10.814	29.057	65.400	H
ATOM	1143	H2	HOH A	3	10.798	29.988	64.116	H
ATOM	1144	O	HOH A	1	33.416	30.035	20.849	O
ATOM	1145	H1	HOH A	2	33.428	29.105	21.157	H
ATOM	1146	H2	HOH A	3	33.393	30.030	19.870	H
ATOM	1147	O	HOH A	1	33.417	29.943	42.961	O
ATOM	1148	H1	HOH A	2	33.420	29.013	43.270	H
ATOM	1149	H2	HOH A	3	33.405	29.936	41.981	H
ATOM	1150	O	HOH A	1	33.408	30.174	65.066	O
ATOM	1151	H1	HOH A	2	33.411	29.242	65.370	H
ATOM	1152	H2	HOH A	3	33.401	30.172	64.086	H
ATOM	1153	O	HOH A	1	56.027	29.989	20.777	O
ATOM	1154	H1	HOH A	2	56.027	29.057	21.081	H

ATOM	1155	H2	HOH A	3	56.012	29.988	19.797	H
ATOM	1156	O	HOH A	1	56.020	29.986	42.938	O
ATOM	1157	H1	HOH A	2	56.015	29.059	43.255	H
ATOM	1158	H2	HOH A	3	56.006	29.971	41.958	H
ATOM	1159	O	HOH A	1	55.987	30.079	65.050	O
ATOM	1160	H1	HOH A	2	55.985	29.149	65.361	H
ATOM	1161	H2	HOH A	3	55.976	30.071	64.071	H
ATOM	1162	O	HOH A	1	15.328	29.954	20.853	O
ATOM	1163	H1	HOH A	2	15.310	29.024	21.162	H
ATOM	1164	H2	HOH A	3	14.526	30.402	21.194	H
ATOM	1165	O	HOH A	1	15.294	29.968	42.977	O
ATOM	1166	H1	HOH A	2	15.273	29.039	43.288	H
ATOM	1167	H2	HOH A	3	14.492	30.419	43.315	H
ATOM	1168	O	HOH A	1	15.332	30.020	65.064	O
ATOM	1169	H1	HOH A	2	15.316	29.090	65.374	H
ATOM	1170	H2	HOH A	3	14.528	30.466	65.403	H
ATOM	1171	O	HOH A	1	37.939	30.041	20.813	O
ATOM	1172	H1	HOH A	2	37.922	29.114	21.130	H
ATOM	1173	H2	HOH A	3	37.136	30.491	21.150	H
ATOM	1174	O	HOH A	1	37.951	29.962	42.912	O
ATOM	1175	H1	HOH A	2	37.925	29.034	43.226	H
ATOM	1176	H2	HOH A	3	37.146	30.415	43.241	H
ATOM	1177	O	HOH A	1	37.913	30.190	65.033	O
ATOM	1178	H1	HOH A	2	37.899	29.261	65.346	H
ATOM	1179	H2	HOH A	3	37.104	30.633	65.365	H
ATOM	1180	O	HOH A	1	60.536	29.965	20.776	O
ATOM	1181	H1	HOH A	2	60.517	29.036	21.089	H
ATOM	1182	H2	HOH A	3	59.733	30.414	21.112	H
ATOM	1183	O	HOH A	1	60.522	30.002	42.929	O
ATOM	1184	H1	HOH A	2	60.508	29.074	43.244	H
ATOM	1185	H2	HOH A	3	59.720	30.450	43.268	H
ATOM	1186	O	HOH A	1	60.523	30.047	65.045	O
ATOM	1187	H1	HOH A	2	60.506	29.119	65.360	H
ATOM	1188	H2	HOH A	3	59.716	30.493	65.376	H
ATOM	1189	O	HOH A	1	19.845	29.964	20.876	O
ATOM	1190	H1	HOH A	2	19.858	29.044	21.212	H

ATOM	1191	H2	HOH A	3	20.649	30.418	21.205	H
ATOM	1192	O	HOH A	1	19.822	29.952	42.988	O
ATOM	1193	H1	HOH A	2	19.834	29.032	43.326	H
ATOM	1194	H2	HOH A	3	20.623	30.407	43.322	H
ATOM	1195	O	HOH A	1	19.845	30.049	65.085	O
ATOM	1196	H1	HOH A	2	19.856	29.131	65.427	H
ATOM	1197	H2	HOH A	3	20.649	30.504	65.412	H
ATOM	1198	O	HOH A	1	42.462	30.026	20.801	O
ATOM	1199	H1	HOH A	2	42.479	29.105	21.136	H
ATOM	1200	H2	HOH A	3	43.266	30.482	21.127	H
ATOM	1201	O	HOH A	1	42.474	29.950	42.920	O
ATOM	1202	H1	HOH A	2	42.483	29.030	43.256	H
ATOM	1203	H2	HOH A	3	43.278	30.401	43.252	H
ATOM	1204	O	HOH A	1	42.430	30.161	65.036	O
ATOM	1205	H1	HOH A	2	42.435	29.244	65.382	H
ATOM	1206	H2	HOH A	3	43.239	30.611	65.360	H
ATOM	1207	O	HOH A	1	65.048	29.919	20.796	O
ATOM	1208	H1	HOH A	2	65.059	29.001	21.137	H
ATOM	1209	H2	HOH A	3	65.852	30.374	21.126	H
ATOM	1210	O	HOH A	1	65.027	29.976	42.962	O
ATOM	1211	H1	HOH A	2	65.041	29.055	43.298	H
ATOM	1212	H2	HOH A	3	65.834	30.428	43.285	H
ATOM	1213	O	HOH A	1	65.040	29.998	65.082	O
ATOM	1214	H1	HOH A	2	65.047	29.078	65.421	H
ATOM	1215	H2	HOH A	3	65.848	30.447	65.408	H
ATOM	1216	O	HOH A	1	22.059	33.880	20.846	O
ATOM	1217	H1	HOH A	2	22.861	34.349	21.158	H
ATOM	1218	H2	HOH A	3	22.061	33.895	19.866	H
ATOM	1219	O	HOH A	1	22.040	33.862	42.941	O
ATOM	1220	H1	HOH A	2	22.841	34.332	43.252	H
ATOM	1221	H2	HOH A	3	22.045	33.871	41.961	H
ATOM	1222	O	HOH A	1	22.064	33.980	65.043	O
ATOM	1223	H1	HOH A	2	22.862	34.453	65.358	H
ATOM	1224	H2	HOH A	3	22.073	33.992	64.063	H
ATOM	1225	O	HOH A	1	44.675	33.930	20.747	O
ATOM	1226	H1	HOH A	2	45.487	34.386	21.050	H

ATOM	1227	H2	HOH A	3	44.662	33.955	19.767	H
ATOM	1228	O	HOH A	1	44.697	33.864	42.871	O
ATOM	1229	H1	HOH A	2	45.502	34.329	43.183	H
ATOM	1230	H2	HOH A	3	44.702	33.873	41.891	H
ATOM	1231	O	HOH A	1	44.637	34.072	64.980	O
ATOM	1232	H1	HOH A	2	45.448	34.530	65.284	H
ATOM	1233	H2	HOH A	3	44.631	34.086	64.000	H
ATOM	1234	O	HOH A	1	67.269	33.838	20.758	O
ATOM	1235	H1	HOH A	2	68.075	34.300	21.071	H
ATOM	1236	H2	HOH A	3	67.276	33.847	19.778	H
ATOM	1237	O	HOH A	1	67.231	33.883	42.919	O
ATOM	1238	H1	HOH A	2	68.035	34.351	43.229	H
ATOM	1239	H2	HOH A	3	67.231	33.897	41.939	H
ATOM	1240	O	HOH A	1	67.262	33.900	65.040	O
ATOM	1241	H1	HOH A	2	68.068	34.360	65.354	H
ATOM	1242	H2	HOH A	3	67.266	33.917	64.060	H
ATOM	1243	O	HOH A	1	4.018	33.841	20.781	O
ATOM	1244	H1	HOH A	2	4.033	32.925	21.129	H
ATOM	1245	H2	HOH A	3	4.803	34.311	21.134	H
ATOM	1246	O	HOH A	1	3.971	33.883	42.933	O
ATOM	1247	H1	HOH A	2	3.992	32.969	43.284	H
ATOM	1248	H2	HOH A	3	4.758	34.357	43.275	H
ATOM	1249	O	HOH A	1	4.020	33.883	65.049	O
ATOM	1250	H1	HOH A	2	4.035	32.964	65.387	H
ATOM	1251	H2	HOH A	3	4.810	34.347	65.396	H
ATOM	1252	O	HOH A	1	26.612	33.907	20.838	O
ATOM	1253	H1	HOH A	2	26.631	32.990	21.182	H
ATOM	1254	H2	HOH A	3	27.399	34.377	21.184	H
ATOM	1255	O	HOH A	1	26.599	33.859	42.934	O
ATOM	1256	H1	HOH A	2	26.613	32.941	43.275	H
ATOM	1257	H2	HOH A	3	27.387	34.325	43.285	H
ATOM	1258	O	HOH A	1	26.590	34.019	65.045	O
ATOM	1259	H1	HOH A	2	26.609	33.105	65.397	H
ATOM	1260	H2	HOH A	3	27.378	34.492	65.386	H
ATOM	1261	O	HOH A	1	49.227	33.914	20.726	O
ATOM	1262	H1	HOH A	2	49.249	32.998	21.073	H

ATOM	1263	H2	HOH A	3	50.014	34.387	21.067	H
ATOM	1264	O	HOH A	1	49.232	33.886	42.878	O
ATOM	1265	H1	HOH A	2	49.241	32.971	43.229	H
ATOM	1266	H2	HOH A	3	50.024	34.350	43.223	H
ATOM	1267	O	HOH A	1	49.200	34.044	64.999	O
ATOM	1268	H1	HOH A	2	49.216	33.125	65.338	H
ATOM	1269	H2	HOH A	3	49.996	34.506	65.338	H
ATOM	1270	O	HOH A	1	8.529	33.846	20.812	O
ATOM	1271	H1	HOH A	2	7.737	34.310	21.154	H
ATOM	1272	H2	HOH A	3	9.323	34.314	21.146	H
ATOM	1273	O	HOH A	1	8.476	33.868	42.954	O
ATOM	1274	H1	HOH A	2	7.685	34.336	43.292	H
ATOM	1275	H2	HOH A	3	9.270	34.339	43.284	H
ATOM	1276	O	HOH A	1	8.541	33.885	65.047	O
ATOM	1277	H1	HOH A	2	7.751	34.349	65.395	H
ATOM	1278	H2	HOH A	3	9.336	34.351	65.379	H
ATOM	1279	O	HOH A	1	31.122	33.917	20.818	O
ATOM	1280	H1	HOH A	2	30.330	34.376	21.168	H
ATOM	1281	H2	HOH A	3	31.915	34.393	21.141	H
ATOM	1282	O	HOH A	1	31.128	33.840	42.931	O
ATOM	1283	H1	HOH A	2	30.335	34.308	43.267	H
ATOM	1284	H2	HOH A	3	31.921	34.313	43.261	H
ATOM	1285	O	HOH A	1	31.115	34.060	65.039	O
ATOM	1286	H1	HOH A	2	30.320	34.517	65.384	H
ATOM	1287	H2	HOH A	3	31.906	34.536	65.370	H
ATOM	1288	O	HOH A	1	53.738	33.897	20.733	O
ATOM	1289	H1	HOH A	2	52.947	34.365	21.073	H
ATOM	1290	H2	HOH A	3	54.533	34.366	21.065	H
ATOM	1291	O	HOH A	1	53.752	33.891	42.885	O
ATOM	1292	H1	HOH A	2	52.958	34.357	43.222	H
ATOM	1293	H2	HOH A	3	54.544	34.366	43.213	H
ATOM	1294	O	HOH A	1	53.725	34.009	64.991	O
ATOM	1295	H1	HOH A	2	52.935	34.479	65.332	H
ATOM	1296	H2	HOH A	3	54.521	34.477	65.319	H
ATOM	1297	O	HOH A	1	13.051	33.856	20.877	O
ATOM	1298	H1	HOH A	2	13.054	32.927	21.188	H

ATOM	1299	H2	HOH A	3	13.062	33.848	19.897	H
ATOM	1300	O	HOH A	1	13.003	33.892	42.989	O
ATOM	1301	H1	HOH A	2	13.017	32.965	43.305	H
ATOM	1302	H2	HOH A	3	13.009	33.878	42.009	H
ATOM	1303	O	HOH A	1	13.045	33.904	65.075	O
ATOM	1304	H1	HOH A	2	13.049	32.978	65.394	H
ATOM	1305	H2	HOH A	3	13.054	33.887	64.095	H
ATOM	1306	O	HOH A	1	35.649	33.963	20.837	O
ATOM	1307	H1	HOH A	2	35.657	33.031	21.139	H
ATOM	1308	H2	HOH A	3	35.663	33.965	19.857	H
ATOM	1309	O	HOH A	1	35.658	33.864	42.935	O
ATOM	1310	H1	HOH A	2	35.660	32.935	43.246	H
ATOM	1311	H2	HOH A	3	35.668	33.856	41.955	H
ATOM	1312	O	HOH A	1	35.635	34.093	65.061	O
ATOM	1313	H1	HOH A	2	35.636	33.168	65.385	H
ATOM	1314	H2	HOH A	3	35.646	34.070	64.081	H
ATOM	1315	O	HOH A	1	58.249	33.890	20.779	O
ATOM	1316	H1	HOH A	2	58.254	32.962	21.093	H
ATOM	1317	H2	HOH A	3	58.253	33.878	19.799	H
ATOM	1318	O	HOH A	1	58.243	33.909	42.938	O
ATOM	1319	H1	HOH A	2	58.249	32.983	43.257	H
ATOM	1320	H2	HOH A	3	58.250	33.892	41.959	H
ATOM	1321	O	HOH A	1	58.233	33.978	65.048	O
ATOM	1322	H1	HOH A	2	58.236	33.047	65.355	H
ATOM	1323	H2	HOH A	3	58.249	33.974	64.068	H
ATOM	1324	O	HOH A	1	17.557	33.869	20.877	O
ATOM	1325	H1	HOH A	2	17.582	32.946	21.204	H
ATOM	1326	H2	HOH A	3	18.361	34.326	21.199	H
ATOM	1327	O	HOH A	1	17.532	33.875	42.974	O
ATOM	1328	H1	HOH A	2	17.551	32.951	43.301	H
ATOM	1329	H2	HOH A	3	18.336	34.329	43.301	H
ATOM	1330	O	HOH A	1	17.564	33.946	65.067	O
ATOM	1331	H1	HOH A	2	17.590	33.021	65.390	H
ATOM	1332	H2	HOH A	3	18.366	34.404	65.394	H
ATOM	1333	O	HOH A	1	40.169	33.963	20.789	O
ATOM	1334	H1	HOH A	2	40.196	33.036	21.108	H

ATOM	1335	H2	HOH A	3	40.973	34.418	21.116	H
ATOM	1336	O	HOH A	1	40.188	33.868	42.908	O
ATOM	1337	H1	HOH A	2	40.209	32.944	43.234	H
ATOM	1338	H2	HOH A	3	40.992	34.323	43.235	H
ATOM	1339	O	HOH A	1	40.133	34.101	65.029	O
ATOM	1340	H1	HOH A	2	40.155	33.178	65.359	H
ATOM	1341	H2	HOH A	3	40.937	34.558	65.354	H
ATOM	1342	O	HOH A	1	62.762	33.858	20.769	O
ATOM	1343	H1	HOH A	2	62.783	32.935	21.100	H
ATOM	1344	H2	HOH A	3	63.564	34.316	21.097	H
ATOM	1345	O	HOH A	1	62.741	33.893	42.940	O
ATOM	1346	H1	HOH A	2	62.764	32.970	43.269	H
ATOM	1347	H2	HOH A	3	63.541	34.353	43.272	H
ATOM	1348	O	HOH A	1	62.741	33.941	65.055	O
ATOM	1349	H1	HOH A	2	62.762	33.015	65.375	H
ATOM	1350	H2	HOH A	3	63.545	34.394	65.386	H
ATOM	1351	O	HOH A	1	1.742	37.721	20.807	O
ATOM	1352	H1	HOH A	2	2.543	38.189	21.125	H
ATOM	1353	H2	HOH A	3	1.759	37.725	19.827	H
ATOM	1354	O	HOH A	1	1.696	37.773	42.952	O
ATOM	1355	H1	HOH A	2	2.491	38.244	43.279	H
ATOM	1356	H2	HOH A	3	1.725	37.773	41.973	H
ATOM	1357	O	HOH A	1	1.735	37.779	65.071	O
ATOM	1358	H1	HOH A	2	2.534	38.248	65.391	H
ATOM	1359	H2	HOH A	3	1.754	37.784	64.091	H
ATOM	1360	O	HOH A	1	24.326	37.784	20.846	O
ATOM	1361	H1	HOH A	2	25.126	38.254	21.162	H
ATOM	1362	H2	HOH A	3	24.338	37.791	19.866	H
ATOM	1363	O	HOH A	1	24.326	37.747	42.961	O
ATOM	1364	H1	HOH A	2	25.129	38.210	43.277	H
ATOM	1365	H2	HOH A	3	24.343	37.743	41.982	H
ATOM	1366	O	HOH A	1	24.321	37.888	65.063	O
ATOM	1367	H1	HOH A	2	25.110	38.372	65.385	H
ATOM	1368	H2	HOH A	3	24.345	37.887	64.083	H
ATOM	1369	O	HOH A	1	46.930	37.807	20.763	O
ATOM	1370	H1	HOH A	2	47.730	38.271	21.086	H

ATOM	1371	H2	HOH A	3	46.945	37.823	19.783	H
ATOM	1372	O	HOH A	1	46.943	37.773	42.887	O
ATOM	1373	H1	HOH A	2	47.744	38.240	43.206	H
ATOM	1374	H2	HOH A	3	46.966	37.765	41.908	H
ATOM	1375	O	HOH A	1	46.918	37.940	65.010	O
ATOM	1376	H1	HOH A	2	47.716	38.408	65.334	H
ATOM	1377	H2	HOH A	3	46.939	37.949	64.030	H
ATOM	1378	O	HOH A	1	6.263	37.755	20.841	O
ATOM	1379	H1	HOH A	2	7.061	38.222	21.166	H
ATOM	1380	H2	HOH A	3	6.278	37.775	19.862	H
ATOM	1381	O	HOH A	1	6.221	37.790	42.982	O
ATOM	1382	H1	HOH A	2	7.019	38.258	43.304	H
ATOM	1383	H2	HOH A	3	6.240	37.799	42.002	H
ATOM	1384	O	HOH A	1	6.277	37.791	65.094	O
ATOM	1385	H1	HOH A	2	7.077	38.256	65.416	H
ATOM	1386	H2	HOH A	3	6.287	37.813	64.114	H
ATOM	1387	O	HOH A	1	28.856	37.827	20.866	O
ATOM	1388	H1	HOH A	2	29.653	38.298	21.190	H
ATOM	1389	H2	HOH A	3	28.868	37.852	19.886	H
ATOM	1390	O	HOH A	1	28.872	37.759	42.961	O
ATOM	1391	H1	HOH A	2	29.674	38.224	43.278	H
ATOM	1392	H2	HOH A	3	28.881	37.772	41.982	H
ATOM	1393	O	HOH A	1	28.862	37.959	65.071	O
ATOM	1394	H1	HOH A	2	29.657	38.431	65.396	H
ATOM	1395	H2	HOH A	3	28.879	37.976	64.091	H
ATOM	1396	O	HOH A	1	51.484	37.822	20.768	O
ATOM	1397	H1	HOH A	2	52.286	38.285	21.089	H
ATOM	1398	H2	HOH A	3	51.494	37.842	19.788	H
ATOM	1399	O	HOH A	1	51.482	37.798	42.906	O
ATOM	1400	H1	HOH A	2	52.281	38.262	43.232	H
ATOM	1401	H2	HOH A	3	51.507	37.804	41.926	H
ATOM	1402	O	HOH A	1	51.460	37.947	65.038	O
ATOM	1403	H1	HOH A	2	52.258	38.411	65.365	H
ATOM	1404	H2	HOH A	3	51.477	37.969	64.058	H
ATOM	1405	O	HOH A	1	10.795	37.753	20.871	O
ATOM	1406	H1	HOH A	2	9.993	38.222	21.185	H

ATOM	1407	H2	HOH A	3	10.791	37.769	19.891	H
ATOM	1408	O	HOH A	1	10.763	37.784	42.997	O
ATOM	1409	H1	HOH A	2	9.960	38.250	43.311	H
ATOM	1410	H2	HOH A	3	10.758	37.800	42.017	H
ATOM	1411	O	HOH A	1	10.816	37.798	65.100	O
ATOM	1412	H1	HOH A	2	10.015	38.263	65.422	H
ATOM	1413	H2	HOH A	3	10.802	37.815	64.120	H
ATOM	1414	O	HOH A	1	33.401	37.851	20.847	O
ATOM	1415	H1	HOH A	2	32.598	38.308	21.172	H
ATOM	1416	H2	HOH A	3	33.388	37.875	19.867	H
ATOM	1417	O	HOH A	1	33.431	37.762	42.947	O
ATOM	1418	H1	HOH A	2	32.631	38.227	43.268	H
ATOM	1419	H2	HOH A	3	33.416	37.774	41.967	H
ATOM	1420	O	HOH A	1	33.416	37.986	65.089	O
ATOM	1421	H1	HOH A	2	32.612	38.453	65.399	H
ATOM	1422	H2	HOH A	3	33.415	37.999	64.109	H
ATOM	1423	O	HOH A	1	56.030	37.799	20.777	O
ATOM	1424	H1	HOH A	2	55.231	38.266	21.098	H
ATOM	1425	H2	HOH A	3	56.014	37.809	19.797	H
ATOM	1426	O	HOH A	1	56.025	37.811	42.928	O
ATOM	1427	H1	HOH A	2	55.224	38.273	43.251	H
ATOM	1428	H2	HOH A	3	56.010	37.826	41.949	H
ATOM	1429	O	HOH A	1	56.009	37.907	65.049	O
ATOM	1430	H1	HOH A	2	55.212	38.380	65.367	H
ATOM	1431	H2	HOH A	3	56.004	37.928	64.069	H
ATOM	1432	O	HOH A	1	15.296	37.769	20.829	O
ATOM	1433	H1	HOH A	2	15.281	36.849	21.168	H
ATOM	1434	H2	HOH A	3	14.492	38.224	21.155	H
ATOM	1435	O	HOH A	1	15.272	37.800	42.956	O
ATOM	1436	H1	HOH A	2	15.251	36.882	43.298	H
ATOM	1437	H2	HOH A	3	14.469	38.261	43.278	H
ATOM	1438	O	HOH A	1	15.287	37.829	65.050	O
ATOM	1439	H1	HOH A	2	15.270	36.910	65.391	H
ATOM	1440	H2	HOH A	3	14.482	38.286	65.372	H
ATOM	1441	O	HOH A	1	37.898	37.863	20.791	O
ATOM	1442	H1	HOH A	2	37.879	36.944	21.131	H

ATOM	1443	H2	HOH A	3	37.094	38.322	21.113	H
ATOM	1444	O	HOH A	1	37.915	37.769	42.885	O
ATOM	1445	H1	HOH A	2	37.886	36.852	43.230	H
ATOM	1446	H2	HOH A	3	37.117	38.238	43.206	H
ATOM	1447	O	HOH A	1	37.893	38.012	65.023	O
ATOM	1448	H1	HOH A	2	37.870	37.093	65.361	H
ATOM	1449	H2	HOH A	3	37.092	38.474	65.348	H
ATOM	1450	O	HOH A	1	60.509	37.789	20.733	O
ATOM	1451	H1	HOH A	2	60.484	36.867	21.063	H
ATOM	1452	H2	HOH A	3	59.710	38.250	21.062	H
ATOM	1453	O	HOH A	1	60.490	37.814	42.909	O
ATOM	1454	H1	HOH A	2	60.467	36.897	43.254	H
ATOM	1455	H2	HOH A	3	59.689	38.279	43.228	H
ATOM	1456	O	HOH A	1	60.503	37.875	65.025	O
ATOM	1457	H1	HOH A	2	60.471	36.956	65.363	H
ATOM	1458	H2	HOH A	3	59.703	38.343	65.344	H
ATOM	1459	O	HOH A	1	19.793	37.786	20.863	O
ATOM	1460	H1	HOH A	2	20.597	38.249	21.178	H
ATOM	1461	H2	HOH A	3	19.801	37.800	19.883	H
ATOM	1462	O	HOH A	1	19.773	37.786	42.959	O
ATOM	1463	H1	HOH A	2	20.579	38.244	43.275	H
ATOM	1464	H2	HOH A	3	19.784	37.795	41.979	H
ATOM	1465	O	HOH A	1	19.783	37.867	65.072	O
ATOM	1466	H1	HOH A	2	20.582	38.336	65.390	H
ATOM	1467	H2	HOH A	3	19.801	37.868	64.092	H
ATOM	1468	O	HOH A	1	42.403	37.861	20.790	O
ATOM	1469	H1	HOH A	2	43.210	38.325	21.093	H
ATOM	1470	H2	HOH A	3	42.398	37.870	19.810	H
ATOM	1471	O	HOH A	1	42.414	37.775	42.890	O
ATOM	1472	H1	HOH A	2	43.211	38.247	43.209	H
ATOM	1473	H2	HOH A	3	42.434	37.775	41.910	H
ATOM	1474	O	HOH A	1	42.376	37.991	65.021	O
ATOM	1475	H1	HOH A	2	43.185	38.445	65.336	H
ATOM	1476	H2	HOH A	3	42.390	37.992	64.041	H
ATOM	1477	O	HOH A	1	65.005	37.755	20.780	O
ATOM	1478	H1	HOH A	2	65.810	38.214	21.100	H

ATOM	1479	H2	HOH A	3	65.024	37.760	19.800	H
ATOM	1480	O	HOH A	1	64.971	37.794	42.940	O
ATOM	1481	H1	HOH A	2	65.775	38.257	43.257	H
ATOM	1482	H2	HOH A	3	64.990	37.792	41.960	H
ATOM	1483	O	HOH A	1	64.994	37.826	65.077	O
ATOM	1484	H1	HOH A	2	65.804	38.278	65.393	H
ATOM	1485	H2	HOH A	3	65.006	37.833	64.097	H
ATOM	1486	O	HOH A	1	22.062	41.704	20.842	O
ATOM	1487	H1	HOH A	2	22.061	40.776	21.157	H
ATOM	1488	H2	HOH A	3	22.051	41.691	19.862	H
ATOM	1489	O	HOH A	1	22.055	41.679	42.951	O
ATOM	1490	H1	HOH A	2	22.062	40.753	43.272	H
ATOM	1491	H2	HOH A	3	22.036	41.660	41.972	H
ATOM	1492	O	HOH A	1	22.069	41.799	65.050	O
ATOM	1493	H1	HOH A	2	22.060	40.875	65.374	H
ATOM	1494	H2	HOH A	3	22.057	41.777	64.070	H
ATOM	1495	O	HOH A	1	44.696	41.758	20.768	O
ATOM	1496	H1	HOH A	2	44.691	40.830	21.083	H
ATOM	1497	H2	HOH A	3	44.677	41.746	19.789	H
ATOM	1498	O	HOH A	1	44.685	41.702	42.889	O
ATOM	1499	H1	HOH A	2	44.677	40.779	43.218	H
ATOM	1500	H2	HOH A	3	44.677	41.674	41.909	H
ATOM	1501	O	HOH A	1	44.649	41.882	65.017	O
ATOM	1502	H1	HOH A	2	44.648	40.956	65.338	H
ATOM	1503	H2	HOH A	3	44.631	41.863	64.038	H
ATOM	1504	O	HOH A	1	67.292	41.655	20.794	O
ATOM	1505	H1	HOH A	2	67.292	40.731	21.120	H
ATOM	1506	H2	HOH A	3	67.277	41.631	19.814	H
ATOM	1507	O	HOH A	1	67.241	41.699	42.952	O
ATOM	1508	H1	HOH A	2	67.238	40.773	43.273	H
ATOM	1509	H2	HOH A	3	67.226	41.679	41.972	H
ATOM	1510	O	HOH A	1	67.266	41.723	65.070	O
ATOM	1511	H1	HOH A	2	67.264	40.796	65.388	H
ATOM	1512	H2	HOH A	3	67.250	41.707	64.090	H
ATOM	1513	O	HOH A	1	4.001	41.622	20.813	O
ATOM	1514	H1	HOH A	2	3.203	42.087	21.142	H

ATOM	1515	H2	HOH A	3	4.788	42.098	21.150	H
ATOM	1516	O	HOH A	1	3.971	41.674	42.956	O
ATOM	1517	H1	HOH A	2	3.171	42.136	43.284	H
ATOM	1518	H2	HOH A	3	4.757	42.157	43.287	H
ATOM	1519	O	HOH A	1	3.992	41.677	65.078	O
ATOM	1520	H1	HOH A	2	3.195	42.135	65.417	H
ATOM	1521	H2	HOH A	3	4.780	42.152	65.414	H
ATOM	1522	O	HOH A	1	26.590	41.710	20.836	O
ATOM	1523	H1	HOH A	2	25.790	42.159	21.180	H
ATOM	1524	H2	HOH A	3	27.375	42.191	21.171	H
ATOM	1525	O	HOH A	1	26.589	41.637	42.937	O
ATOM	1526	H1	HOH A	2	25.790	42.097	43.269	H
ATOM	1527	H2	HOH A	3	27.375	42.116	43.273	H
ATOM	1528	O	HOH A	1	26.584	41.818	65.058	O
ATOM	1529	H1	HOH A	2	25.782	42.277	65.383	H
ATOM	1530	H2	HOH A	3	27.367	42.301	65.394	H
ATOM	1531	O	HOH A	1	49.219	41.701	20.747	O
ATOM	1532	H1	HOH A	2	48.423	42.169	21.078	H
ATOM	1533	H2	HOH A	3	50.009	42.175	21.080	H
ATOM	1534	O	HOH A	1	49.212	41.674	42.889	O
ATOM	1535	H1	HOH A	2	48.412	42.139	43.212	H
ATOM	1536	H2	HOH A	3	49.997	42.154	43.225	H
ATOM	1537	O	HOH A	1	49.175	41.832	65.016	O
ATOM	1538	H1	HOH A	2	48.379	42.299	65.344	H
ATOM	1539	H2	HOH A	3	49.965	42.305	65.353	H
ATOM	1540	O	HOH A	1	8.511	41.669	20.831	O
ATOM	1541	H1	HOH A	2	9.305	42.144	21.155	H
ATOM	1542	H2	HOH A	3	8.525	41.689	19.851	H
ATOM	1543	O	HOH A	1	8.473	41.705	42.998	O
ATOM	1544	H1	HOH A	2	9.274	42.175	43.311	H
ATOM	1545	H2	HOH A	3	8.476	41.722	42.018	H
ATOM	1546	O	HOH A	1	8.516	41.711	65.093	O
ATOM	1547	H1	HOH A	2	9.312	42.182	65.419	H
ATOM	1548	H2	HOH A	3	8.523	41.747	64.114	H
ATOM	1549	O	HOH A	1	31.116	41.766	20.844	O
ATOM	1550	H1	HOH A	2	31.915	42.238	21.159	H

ATOM	1551	H2	HOH A	3	31.117	41.789	19.865	H
ATOM	1552	O	HOH A	1	31.111	41.666	42.945	O
ATOM	1553	H1	HOH A	2	31.910	42.136	43.262	H
ATOM	1554	H2	HOH A	3	31.118	41.685	41.965	H
ATOM	1555	O	HOH A	1	31.112	41.900	65.059	O
ATOM	1556	H1	HOH A	2	31.904	42.383	65.376	H
ATOM	1557	H2	HOH A	3	31.121	41.914	64.079	H
ATOM	1558	O	HOH A	1	53.740	41.723	20.773	O
ATOM	1559	H1	HOH A	2	54.538	42.196	21.089	H
ATOM	1560	H2	HOH A	3	53.742	41.746	19.793	H
ATOM	1561	O	HOH A	1	53.727	41.706	42.916	O
ATOM	1562	H1	HOH A	2	54.520	42.182	43.239	H
ATOM	1563	H2	HOH A	3	53.742	41.722	41.937	H
ATOM	1564	O	HOH A	1	53.706	41.838	65.036	O
ATOM	1565	H1	HOH A	2	54.510	42.300	65.353	H
ATOM	1566	H2	HOH A	3	53.708	41.863	64.056	H
ATOM	1567	O	HOH A	1	13.048	41.688	20.864	O
ATOM	1568	H1	HOH A	2	12.244	42.138	21.199	H
ATOM	1569	H2	HOH A	3	13.018	41.706	19.885	H
ATOM	1570	O	HOH A	1	13.017	41.721	42.988	O
ATOM	1571	H1	HOH A	2	12.214	42.176	43.318	H
ATOM	1572	H2	HOH A	3	12.986	41.724	42.009	H
ATOM	1573	O	HOH A	1	13.055	41.756	65.083	O
ATOM	1574	H1	HOH A	2	12.259	42.219	65.416	H
ATOM	1575	H2	HOH A	3	13.024	41.765	64.103	H
ATOM	1576	O	HOH A	1	35.660	41.791	20.824	O
ATOM	1577	H1	HOH A	2	34.860	42.245	21.161	H
ATOM	1578	H2	HOH A	3	35.629	41.807	19.845	H
ATOM	1579	O	HOH A	1	35.667	41.704	42.930	O
ATOM	1580	H1	HOH A	2	34.863	42.157	43.258	H
ATOM	1581	H2	HOH A	3	35.639	41.708	41.950	H
ATOM	1582	O	HOH A	1	35.656	41.935	65.053	O
ATOM	1583	H1	HOH A	2	34.857	42.400	65.377	H
ATOM	1584	H2	HOH A	3	35.630	41.936	64.073	H
ATOM	1585	O	HOH A	1	58.277	41.729	20.765	O
ATOM	1586	H1	HOH A	2	57.478	42.191	21.095	H

ATOM	1587	H2	HOH A	3	58.242	41.726	19.786	H
ATOM	1588	O	HOH A	1	58.252	41.751	42.909	O
ATOM	1589	H1	HOH A	2	57.445	42.205	43.231	H
ATOM	1590	H2	HOH A	3	58.229	41.751	41.929	H
ATOM	1591	O	HOH A	1	58.250	41.815	65.044	O
ATOM	1592	H1	HOH A	2	57.450	42.279	65.370	H
ATOM	1593	H2	HOH A	3	58.228	41.824	64.064	H
ATOM	1594	O	HOH A	1	17.518	41.685	20.870	O
ATOM	1595	H1	HOH A	2	17.501	40.764	21.202	H
ATOM	1596	H2	HOH A	3	16.719	42.143	21.206	H
ATOM	1597	O	HOH A	1	17.502	41.698	42.979	O
ATOM	1598	H1	HOH A	2	17.486	40.777	43.313	H
ATOM	1599	H2	HOH A	3	16.703	42.155	43.315	H
ATOM	1600	O	HOH A	1	17.531	41.753	65.078	O
ATOM	1601	H1	HOH A	2	17.501	40.831	65.409	H
ATOM	1602	H2	HOH A	3	16.734	42.219	65.408	H
ATOM	1603	O	HOH A	1	40.136	41.764	20.808	O
ATOM	1604	H1	HOH A	2	40.115	40.841	21.138	H
ATOM	1605	H2	HOH A	3	39.340	42.225	21.146	H
ATOM	1606	O	HOH A	1	40.143	41.685	42.913	O
ATOM	1607	H1	HOH A	2	40.130	40.767	43.254	H
ATOM	1608	H2	HOH A	3	39.346	42.145	43.248	H
ATOM	1609	O	HOH A	1	40.116	41.918	65.038	O
ATOM	1610	H1	HOH A	2	40.101	40.994	65.365	H
ATOM	1611	H2	HOH A	3	39.325	42.377	65.390	H
ATOM	1612	O	HOH A	1	62.746	41.688	20.773	O
ATOM	1613	H1	HOH A	2	62.720	40.767	21.106	H
ATOM	1614	H2	HOH A	3	61.955	42.156	21.115	H
ATOM	1615	O	HOH A	1	62.721	41.712	42.930	O
ATOM	1616	H1	HOH A	2	62.700	40.792	43.266	H
ATOM	1617	H2	HOH A	3	61.923	42.175	43.263	H
ATOM	1618	O	HOH A	1	62.728	41.767	65.067	O
ATOM	1619	H1	HOH A	2	62.705	40.844	65.396	H
ATOM	1620	H2	HOH A	3	61.927	42.226	65.397	H
ATOM	1621	O	HOH A	1	1.740	45.570	18.039	O
ATOM	1622	H1	HOH A	2	1.729	44.648	17.707	H

ATOM	1623	H2	HOH A	3	0.932	46.019	17.714	H
ATOM	1624	O	HOH A	1	1.724	45.594	40.199	O
ATOM	1625	H1	HOH A	2	1.715	44.675	39.859	H
ATOM	1626	H2	HOH A	3	0.917	46.045	39.873	H
ATOM	1627	O	HOH A	1	1.728	45.651	62.315	O
ATOM	1628	H1	HOH A	2	1.712	44.733	61.971	H
ATOM	1629	H2	HOH A	3	0.924	46.109	61.992	H
ATOM	1630	O	HOH A	1	24.325	45.651	18.092	O
ATOM	1631	H1	HOH A	2	24.310	44.732	17.751	H
ATOM	1632	H2	HOH A	3	23.518	46.106	17.772	H
ATOM	1633	O	HOH A	1	24.323	45.587	40.182	O
ATOM	1634	H1	HOH A	2	24.306	44.666	39.848	H
ATOM	1635	H2	HOH A	3	23.514	46.039	39.864	H
ATOM	1636	O	HOH A	1	24.349	45.737	62.296	O
ATOM	1637	H1	HOH A	2	24.339	44.816	61.961	H
ATOM	1638	H2	HOH A	3	23.539	46.185	61.974	H
ATOM	1639	O	HOH A	1	46.942	45.691	18.001	O
ATOM	1640	H1	HOH A	2	46.927	44.773	17.657	H
ATOM	1641	H2	HOH A	3	46.131	46.144	17.689	H
ATOM	1642	O	HOH A	1	46.970	45.575	40.124	O
ATOM	1643	H1	HOH A	2	46.957	44.651	39.795	H
ATOM	1644	H2	HOH A	3	46.160	46.022	39.801	H
ATOM	1645	O	HOH A	1	46.928	45.800	62.249	O
ATOM	1646	H1	HOH A	2	46.910	44.882	61.909	H
ATOM	1647	H2	HOH A	3	46.121	46.257	61.931	H
ATOM	1648	O	HOH A	1	6.225	45.590	18.060	O
ATOM	1649	H1	HOH A	2	6.241	44.669	17.726	H
ATOM	1650	H2	HOH A	3	7.031	46.044	17.736	H
ATOM	1651	O	HOH A	1	6.212	45.635	40.224	O
ATOM	1652	H1	HOH A	2	6.224	44.717	39.883	H
ATOM	1653	H2	HOH A	3	7.014	46.092	39.893	H
ATOM	1654	O	HOH A	1	6.218	45.655	62.327	O
ATOM	1655	H1	HOH A	2	6.232	44.733	61.994	H
ATOM	1656	H2	HOH A	3	7.025	46.107	62.002	H
ATOM	1657	O	HOH A	1	28.823	45.723	18.082	O
ATOM	1658	H1	HOH A	2	28.839	44.803	17.746	H

ATOM	1659	H2	HOH A	3	29.630	46.177	17.761	H
ATOM	1660	O	HOH A	1	28.819	45.596	40.183	O
ATOM	1661	H1	HOH A	2	28.830	44.675	39.849	H
ATOM	1662	H2	HOH A	3	29.624	46.047	39.854	H
ATOM	1663	O	HOH A	1	28.832	45.784	62.290	O
ATOM	1664	H1	HOH A	2	28.847	44.863	61.956	H
ATOM	1665	H2	HOH A	3	29.633	46.240	61.956	H
ATOM	1666	O	HOH A	1	51.435	45.686	17.997	O
ATOM	1667	H1	HOH A	2	51.449	44.767	17.657	H
ATOM	1668	H2	HOH A	3	52.240	46.141	17.673	H
ATOM	1669	O	HOH A	1	51.458	45.630	40.136	O
ATOM	1670	H1	HOH A	2	51.471	44.707	39.805	H
ATOM	1671	H2	HOH A	3	52.267	46.078	39.812	H
ATOM	1672	O	HOH A	1	51.417	45.807	62.260	O
ATOM	1673	H1	HOH A	2	51.423	44.885	61.927	H
ATOM	1674	H2	HOH A	3	52.227	46.252	61.935	H
ATOM	1675	O	HOH A	1	10.771	45.579	18.103	O
ATOM	1676	H1	HOH A	2	9.980	46.053	17.772	H
ATOM	1677	H2	HOH A	3	11.566	46.048	17.771	H
ATOM	1678	O	HOH A	1	10.742	45.603	40.253	O
ATOM	1679	H1	HOH A	2	9.951	46.078	39.922	H
ATOM	1680	H2	HOH A	3	11.537	46.068	39.918	H
ATOM	1681	O	HOH A	1	10.769	45.647	62.352	O
ATOM	1682	H1	HOH A	2	9.974	46.118	62.028	H
ATOM	1683	H2	HOH A	3	11.559	46.118	62.013	H
ATOM	1684	O	HOH A	1	33.363	45.700	18.096	O
ATOM	1685	H1	HOH A	2	32.570	46.178	17.775	H
ATOM	1686	H2	HOH A	3	34.156	46.163	17.754	H
ATOM	1687	O	HOH A	1	33.370	45.572	40.197	O
ATOM	1688	H1	HOH A	2	32.577	46.047	39.873	H
ATOM	1689	H2	HOH A	3	34.162	46.037	39.857	H
ATOM	1690	O	HOH A	1	33.376	45.799	62.312	O
ATOM	1691	H1	HOH A	2	32.580	46.266	61.982	H
ATOM	1692	H2	HOH A	3	34.166	46.271	61.973	H
ATOM	1693	O	HOH A	1	55.974	45.636	18.034	O
ATOM	1694	H1	HOH A	2	55.183	46.112	17.704	H

ATOM	1695	H2	HOH A	3	56.769	46.097	17.693	H
ATOM	1696	O	HOH A	1	55.996	45.605	40.183	O
ATOM	1697	H1	HOH A	2	55.202	46.074	39.849	H
ATOM	1698	H2	HOH A	3	56.788	46.076	39.849	H
ATOM	1699	O	HOH A	1	55.956	45.731	62.302	O
ATOM	1700	H1	HOH A	2	55.171	46.216	61.971	H
ATOM	1701	H2	HOH A	3	56.757	46.187	61.969	H
ATOM	1702	O	HOH A	1	15.278	45.603	18.069	O
ATOM	1703	H1	HOH A	2	15.295	44.672	17.763	H
ATOM	1704	H2	HOH A	3	15.276	45.600	19.049	H
ATOM	1705	O	HOH A	1	15.261	45.595	40.215	O
ATOM	1706	H1	HOH A	2	15.270	44.664	39.912	H
ATOM	1707	H2	HOH A	3	15.259	45.595	41.195	H
ATOM	1708	O	HOH A	1	15.291	45.665	62.289	O
ATOM	1709	H1	HOH A	2	15.303	44.733	61.985	H
ATOM	1710	H2	HOH A	3	15.286	45.663	63.269	H
ATOM	1711	O	HOH A	1	37.884	45.708	18.026	O
ATOM	1712	H1	HOH A	2	37.894	44.777	17.720	H
ATOM	1713	H2	HOH A	3	37.886	45.705	19.006	H
ATOM	1714	O	HOH A	1	37.906	45.579	40.132	O
ATOM	1715	H1	HOH A	2	37.914	44.646	39.832	H
ATOM	1716	H2	HOH A	3	37.902	45.582	41.112	H
ATOM	1717	O	HOH A	1	37.893	45.820	62.264	O
ATOM	1718	H1	HOH A	2	37.899	44.890	61.955	H
ATOM	1719	H2	HOH A	3	37.886	45.814	63.243	H
ATOM	1720	O	HOH A	1	60.491	45.616	17.999	O
ATOM	1721	H1	HOH A	2	60.500	44.685	17.691	H
ATOM	1722	H2	HOH A	3	60.484	45.610	18.979	H
ATOM	1723	O	HOH A	1	60.489	45.612	40.148	O
ATOM	1724	H1	HOH A	2	60.507	44.680	39.843	H
ATOM	1725	H2	HOH A	3	60.479	45.609	41.128	H
ATOM	1726	O	HOH A	1	60.467	45.717	62.275	O
ATOM	1727	H1	HOH A	2	60.479	44.787	61.968	H
ATOM	1728	H2	HOH A	3	60.459	45.712	63.255	H
ATOM	1729	O	HOH A	1	19.799	45.605	18.074	O
ATOM	1730	H1	HOH A	2	19.788	44.676	17.763	H

ATOM	1731	H2	HOH A	3	19.807	45.596	19.054	H
ATOM	1732	O	HOH A	1	19.790	45.586	40.186	O
ATOM	1733	H1	HOH A	2	19.780	44.656	39.877	H
ATOM	1734	H2	HOH A	3	19.803	45.578	41.166	H
ATOM	1735	O	HOH A	1	19.822	45.685	62.281	O
ATOM	1736	H1	HOH A	2	19.809	44.760	61.958	H
ATOM	1737	H2	HOH A	3	19.834	45.664	63.261	H
ATOM	1738	O	HOH A	1	42.414	45.698	18.020	O
ATOM	1739	H1	HOH A	2	42.402	44.771	17.704	H
ATOM	1740	H2	HOH A	3	42.423	45.684	19.000	H
ATOM	1741	O	HOH A	1	42.448	45.567	40.111	O
ATOM	1742	H1	HOH A	2	42.430	44.636	39.804	H
ATOM	1743	H2	HOH A	3	42.453	45.562	41.091	H
ATOM	1744	O	HOH A	1	42.417	45.802	62.233	O
ATOM	1745	H1	HOH A	2	42.405	44.874	61.920	H
ATOM	1746	H2	HOH A	3	42.420	45.791	63.213	H
ATOM	1747	O	HOH A	1	65.026	45.570	17.997	O
ATOM	1748	H1	HOH A	2	65.011	44.642	17.684	H
ATOM	1749	H2	HOH A	3	65.039	45.559	18.977	H
ATOM	1750	O	HOH A	1	65.008	45.602	40.151	O
ATOM	1751	H1	HOH A	2	64.995	44.672	39.843	H
ATOM	1752	H2	HOH A	3	65.017	45.596	41.131	H
ATOM	1753	O	HOH A	1	64.999	45.667	62.278	O
ATOM	1754	H1	HOH A	2	64.987	44.740	61.960	H
ATOM	1755	H2	HOH A	3	65.005	45.651	63.258	H
ATOM	1756	O	HOH A	1	22.093	26.059	18.090	O
ATOM	1757	H1	HOH A	2	21.290	26.524	17.775	H
ATOM	1758	H2	HOH A	3	22.083	26.068	19.070	H
ATOM	1759	O	HOH A	1	22.089	26.008	40.203	O
ATOM	1760	H1	HOH A	2	21.284	26.478	39.899	H
ATOM	1761	H2	HOH A	3	22.089	26.012	41.183	H
ATOM	1762	O	HOH A	1	22.114	26.127	62.301	O
ATOM	1763	H1	HOH A	2	21.308	26.591	61.993	H
ATOM	1764	H2	HOH A	3	22.115	26.140	63.281	H
ATOM	1765	O	HOH A	1	44.721	26.114	18.004	O
ATOM	1766	H1	HOH A	2	43.916	26.591	17.710	H

ATOM	1767	H2	HOH A	3	44.734	26.119	18.984	H
ATOM	1768	O	HOH A	1	44.741	25.988	40.139	O
ATOM	1769	H1	HOH A	2	43.934	26.452	39.832	H
ATOM	1770	H2	HOH A	3	44.743	25.999	41.119	H
ATOM	1771	O	HOH A	1	44.696	26.234	62.254	O
ATOM	1772	H1	HOH A	2	43.897	26.711	61.945	H
ATOM	1773	H2	HOH A	3	44.696	26.245	63.233	H
ATOM	1774	O	HOH A	1	67.306	25.997	18.033	O
ATOM	1775	H1	HOH A	2	66.505	26.470	17.724	H
ATOM	1776	H2	HOH A	3	67.305	26.009	19.013	H
ATOM	1777	O	HOH A	1	67.296	26.023	40.178	O
ATOM	1778	H1	HOH A	2	66.495	26.493	39.866	H
ATOM	1779	H2	HOH A	3	67.296	26.042	41.158	H
ATOM	1780	O	HOH A	1	67.296	26.088	62.297	O
ATOM	1781	H1	HOH A	2	66.494	26.559	61.987	H
ATOM	1782	H2	HOH A	3	67.292	26.096	63.277	H
ATOM	1783	O	HOH A	1	3.993	26.036	18.051	O
ATOM	1784	H1	HOH A	2	4.003	25.110	17.731	H
ATOM	1785	H2	HOH A	3	4.808	26.477	17.731	H
ATOM	1786	O	HOH A	1	3.970	26.060	40.224	O
ATOM	1787	H1	HOH A	2	3.987	25.136	39.899	H
ATOM	1788	H2	HOH A	3	4.783	26.507	39.907	H
ATOM	1789	O	HOH A	1	3.995	26.116	62.322	O
ATOM	1790	H1	HOH A	2	4.009	25.191	62.001	H
ATOM	1791	H2	HOH A	3	4.804	26.563	61.996	H
ATOM	1792	O	HOH A	1	26.581	26.132	18.096	O
ATOM	1793	H1	HOH A	2	26.592	25.208	17.770	H
ATOM	1794	H2	HOH A	3	27.391	26.577	17.771	H
ATOM	1795	O	HOH A	1	26.584	26.059	40.201	O
ATOM	1796	H1	HOH A	2	26.596	25.136	39.871	H
ATOM	1797	H2	HOH A	3	27.395	26.505	39.878	H
ATOM	1798	O	HOH A	1	26.595	26.209	62.304	O
ATOM	1799	H1	HOH A	2	26.613	25.285	61.978	H
ATOM	1800	H2	HOH A	3	27.401	26.661	61.978	H
ATOM	1801	O	HOH A	1	49.198	26.144	18.008	O
ATOM	1802	H1	HOH A	2	49.202	25.219	17.683	H

ATOM	1803	H2	HOH A	3	50.007	26.585	17.676	H
ATOM	1804	O	HOH A	1	49.221	26.058	40.153	O
ATOM	1805	H1	HOH A	2	49.235	25.132	39.832	H
ATOM	1806	H2	HOH A	3	50.029	26.504	39.824	H
ATOM	1807	O	HOH A	1	49.176	26.255	62.271	O
ATOM	1808	H1	HOH A	2	49.190	25.332	61.945	H
ATOM	1809	H2	HOH A	3	49.993	26.699	61.960	H
ATOM	1810	O	HOH A	1	8.558	26.006	18.078	O
ATOM	1811	H1	HOH A	2	7.764	26.481	17.756	H
ATOM	1812	H2	HOH A	3	8.534	26.005	19.058	H
ATOM	1813	O	HOH A	1	8.513	26.043	40.238	O
ATOM	1814	H1	HOH A	2	7.720	26.518	39.913	H
ATOM	1815	H2	HOH A	3	8.492	26.051	41.217	H
ATOM	1816	O	HOH A	1	8.547	26.077	62.333	O
ATOM	1817	H1	HOH A	2	7.755	26.561	62.016	H
ATOM	1818	H2	HOH A	3	8.528	26.074	63.312	H
ATOM	1819	O	HOH A	1	31.154	26.131	18.102	O
ATOM	1820	H1	HOH A	2	30.353	26.598	17.786	H
ATOM	1821	H2	HOH A	3	31.137	26.130	19.082	H
ATOM	1822	O	HOH A	1	31.149	26.007	40.201	O
ATOM	1823	H1	HOH A	2	30.353	26.486	39.887	H
ATOM	1824	H2	HOH A	3	31.134	26.005	41.180	H
ATOM	1825	O	HOH A	1	31.142	26.220	62.306	O
ATOM	1826	H1	HOH A	2	30.346	26.690	61.983	H
ATOM	1827	H2	HOH A	3	31.123	26.229	63.286	H
ATOM	1828	O	HOH A	1	53.741	26.086	18.037	O
ATOM	1829	H1	HOH A	2	52.949	26.564	17.716	H
ATOM	1830	H2	HOH A	3	53.719	26.086	19.016	H
ATOM	1831	O	HOH A	1	53.774	26.037	40.164	O
ATOM	1832	H1	HOH A	2	52.975	26.503	39.840	H
ATOM	1833	H2	HOH A	3	53.752	26.044	41.144	H
ATOM	1834	O	HOH A	1	53.728	26.197	62.290	O
ATOM	1835	H1	HOH A	2	52.933	26.675	61.974	H
ATOM	1836	H2	HOH A	3	53.707	26.188	63.270	H
ATOM	1837	O	HOH A	1	13.049	26.022	18.047	O
ATOM	1838	H1	HOH A	2	12.250	26.496	17.735	H

ATOM	1839	H2	HOH A	3	13.042	26.031	19.027	H
ATOM	1840	O	HOH A	1	13.004	26.026	40.182	O
ATOM	1841	H1	HOH A	2	12.206	26.499	39.865	H
ATOM	1842	H2	HOH A	3	12.998	26.046	41.162	H
ATOM	1843	O	HOH A	1	13.053	26.087	62.269	O
ATOM	1844	H1	HOH A	2	12.252	26.557	61.958	H
ATOM	1845	H2	HOH A	3	13.045	26.092	63.249	H
ATOM	1846	O	HOH A	1	35.643	26.132	18.012	O
ATOM	1847	H1	HOH A	2	34.840	26.606	17.711	H
ATOM	1848	H2	HOH A	3	35.643	26.128	18.992	H
ATOM	1849	O	HOH A	1	35.661	26.001	40.131	O
ATOM	1850	H1	HOH A	2	34.864	26.476	39.818	H
ATOM	1851	H2	HOH A	3	35.657	26.014	41.111	H
ATOM	1852	O	HOH A	1	35.644	26.237	62.248	O
ATOM	1853	H1	HOH A	2	34.846	26.712	61.933	H
ATOM	1854	H2	HOH A	3	35.632	26.242	63.228	H
ATOM	1855	O	HOH A	1	58.243	26.054	17.952	O
ATOM	1856	H1	HOH A	2	57.447	26.532	17.639	H
ATOM	1857	H2	HOH A	3	58.231	26.057	18.932	H
ATOM	1858	O	HOH A	1	58.251	26.039	40.132	O
ATOM	1859	H1	HOH A	2	57.451	26.506	39.812	H
ATOM	1860	H2	HOH A	3	58.238	26.053	41.112	H
ATOM	1861	O	HOH A	1	58.232	26.145	62.244	O
ATOM	1862	H1	HOH A	2	57.442	26.631	61.928	H
ATOM	1863	H2	HOH A	3	58.219	26.149	63.224	H
ATOM	1864	O	HOH A	1	17.547	26.036	18.074	O
ATOM	1865	H1	HOH A	2	17.559	25.118	17.732	H
ATOM	1866	H2	HOH A	3	18.348	26.493	17.744	H
ATOM	1867	O	HOH A	1	17.511	26.025	40.216	O
ATOM	1868	H1	HOH A	2	17.535	25.107	39.874	H
ATOM	1869	H2	HOH A	3	18.311	26.490	39.893	H
ATOM	1870	O	HOH A	1	17.548	26.111	62.297	O
ATOM	1871	H1	HOH A	2	17.564	25.192	61.958	H
ATOM	1872	H2	HOH A	3	18.349	26.570	61.967	H
ATOM	1873	O	HOH A	1	40.149	26.144	18.020	O
ATOM	1874	H1	HOH A	2	40.161	25.225	17.680	H

ATOM	1875	H2	HOH A	3	40.955	26.598	17.696	H
ATOM	1876	O	HOH A	1	40.177	26.006	40.148	O
ATOM	1877	H1	HOH A	2	40.184	25.084	39.816	H
ATOM	1878	H2	HOH A	3	40.980	26.456	39.812	H
ATOM	1879	O	HOH A	1	40.141	26.246	62.251	O
ATOM	1880	H1	HOH A	2	40.162	25.327	61.910	H
ATOM	1881	H2	HOH A	3	40.940	26.709	61.923	H
ATOM	1882	O	HOH A	1	62.749	26.026	17.991	O
ATOM	1883	H1	HOH A	2	62.770	25.104	17.659	H
ATOM	1884	H2	HOH A	3	63.552	26.483	17.665	H
ATOM	1885	O	HOH A	1	62.734	26.050	40.169	O
ATOM	1886	H1	HOH A	2	62.754	25.133	39.823	H
ATOM	1887	H2	HOH A	3	63.539	26.511	39.851	H
ATOM	1888	O	HOH A	1	62.737	26.130	62.289	O
ATOM	1889	H1	HOH A	2	62.751	25.210	61.949	H
ATOM	1890	H2	HOH A	3	63.540	26.586	61.960	H
ATOM	1891	O	HOH A	1	1.756	29.941	18.031	O
ATOM	1892	H1	HOH A	2	1.743	29.009	17.726	H
ATOM	1893	H2	HOH A	3	1.750	29.938	19.011	H
ATOM	1894	O	HOH A	1	1.738	29.974	40.183	O
ATOM	1895	H1	HOH A	2	1.720	29.043	39.879	H
ATOM	1896	H2	HOH A	3	1.734	29.973	41.163	H
ATOM	1897	O	HOH A	1	1.744	30.017	62.291	O
ATOM	1898	H1	HOH A	2	1.733	29.087	61.984	H
ATOM	1899	H2	HOH A	3	1.749	30.013	63.271	H
ATOM	1900	O	HOH A	1	24.347	30.011	18.077	O
ATOM	1901	H1	HOH A	2	24.330	29.080	17.771	H
ATOM	1902	H2	HOH A	3	24.342	30.009	19.057	H
ATOM	1903	O	HOH A	1	24.333	29.956	40.199	O
ATOM	1904	H1	HOH A	2	24.324	29.026	39.892	H
ATOM	1905	H2	HOH A	3	24.328	29.952	41.179	H
ATOM	1906	O	HOH A	1	24.359	30.096	62.296	O
ATOM	1907	H1	HOH A	2	24.344	29.162	61.999	H
ATOM	1908	H2	HOH A	3	24.352	30.102	63.276	H
ATOM	1909	O	HOH A	1	46.960	30.063	17.985	O
ATOM	1910	H1	HOH A	2	46.945	29.131	17.682	H

ATOM	1911	H2	HOH A	3	46.955	30.063	18.964	H
ATOM	1912	O	HOH A	1	46.983	29.956	40.127	O
ATOM	1913	H1	HOH A	2	46.961	29.024	39.826	H
ATOM	1914	H2	HOH A	3	46.975	29.959	41.106	H
ATOM	1915	O	HOH A	1	46.940	30.177	62.239	O
ATOM	1916	H1	HOH A	2	46.920	29.245	61.937	H
ATOM	1917	H2	HOH A	3	46.935	30.177	63.219	H
ATOM	1918	O	HOH A	1	6.299	29.907	18.075	O
ATOM	1919	H1	HOH A	2	5.485	30.352	17.761	H
ATOM	1920	H2	HOH A	3	6.293	29.921	19.055	H
ATOM	1921	O	HOH A	1	6.264	29.940	40.226	O
ATOM	1922	H1	HOH A	2	5.460	30.399	39.907	H
ATOM	1923	H2	HOH A	3	6.252	29.955	41.206	H
ATOM	1924	O	HOH A	1	6.289	29.979	62.333	O
ATOM	1925	H1	HOH A	2	5.474	30.431	62.031	H
ATOM	1926	H2	HOH A	3	6.289	29.976	63.313	H
ATOM	1927	O	HOH A	1	28.894	30.010	18.103	O
ATOM	1928	H1	HOH A	2	28.083	30.462	17.789	H
ATOM	1929	H2	HOH A	3	28.887	30.019	19.083	H
ATOM	1930	O	HOH A	1	28.885	29.918	40.226	O
ATOM	1931	H1	HOH A	2	28.073	30.372	39.919	H
ATOM	1932	H2	HOH A	3	28.887	29.928	41.206	H
ATOM	1933	O	HOH A	1	28.910	30.112	62.308	O
ATOM	1934	H1	HOH A	2	28.096	30.561	61.998	H
ATOM	1935	H2	HOH A	3	28.908	30.125	63.288	H
ATOM	1936	O	HOH A	1	51.496	30.000	18.015	O
ATOM	1937	H1	HOH A	2	50.688	30.457	17.703	H
ATOM	1938	H2	HOH A	3	51.488	30.004	18.994	H
ATOM	1939	O	HOH A	1	51.532	29.933	40.153	O
ATOM	1940	H1	HOH A	2	50.728	30.387	39.825	H
ATOM	1941	H2	HOH A	3	51.513	29.953	41.132	H
ATOM	1942	O	HOH A	1	51.490	30.120	62.278	O
ATOM	1943	H1	HOH A	2	50.686	30.587	61.967	H
ATOM	1944	H2	HOH A	3	51.483	30.124	63.258	H
ATOM	1945	O	HOH A	1	10.775	29.963	18.109	O
ATOM	1946	H1	HOH A	2	10.756	29.047	17.762	H

ATOM	1947	H2	HOH A	3	9.967	30.422	17.797	H
ATOM	1948	O	HOH A	1	10.750	29.996	40.243	O
ATOM	1949	H1	HOH A	2	10.729	29.079	39.900	H
ATOM	1950	H2	HOH A	3	9.940	30.454	39.934	H
ATOM	1951	O	HOH A	1	10.765	30.035	62.344	O
ATOM	1952	H1	HOH A	2	10.742	29.120	61.994	H
ATOM	1953	H2	HOH A	3	9.961	30.499	62.031	H
ATOM	1954	O	HOH A	1	33.368	30.093	18.091	O
ATOM	1955	H1	HOH A	2	33.348	29.178	17.742	H
ATOM	1956	H2	HOH A	3	32.562	30.555	17.777	H
ATOM	1957	O	HOH A	1	33.396	29.959	40.204	O
ATOM	1958	H1	HOH A	2	33.375	29.040	39.864	H
ATOM	1959	H2	HOH A	3	32.590	30.417	39.887	H
ATOM	1960	O	HOH A	1	33.388	30.189	62.298	O
ATOM	1961	H1	HOH A	2	33.359	29.272	61.953	H
ATOM	1962	H2	HOH A	3	32.582	30.654	61.990	H
ATOM	1963	O	HOH A	1	55.974	30.015	18.016	O
ATOM	1964	H1	HOH A	2	55.951	29.097	17.673	H
ATOM	1965	H2	HOH A	3	55.165	30.474	17.706	H
ATOM	1966	O	HOH A	1	55.997	29.978	40.177	O
ATOM	1967	H1	HOH A	2	55.976	29.061	39.833	H
ATOM	1968	H2	HOH A	3	55.193	30.439	39.859	H
ATOM	1969	O	HOH A	1	55.964	30.122	62.298	O
ATOM	1970	H1	HOH A	2	55.941	29.208	61.944	H
ATOM	1971	H2	HOH A	3	55.162	30.589	61.981	H
ATOM	1972	O	HOH A	1	15.294	29.981	18.074	O
ATOM	1973	H1	HOH A	2	15.291	29.060	17.739	H
ATOM	1974	H2	HOH A	3	15.289	29.948	19.053	H
ATOM	1975	O	HOH A	1	15.261	29.971	40.196	O
ATOM	1976	H1	HOH A	2	15.255	29.045	39.876	H
ATOM	1977	H2	HOH A	3	15.253	29.952	41.176	H
ATOM	1978	O	HOH A	1	15.301	30.031	62.294	O
ATOM	1979	H1	HOH A	2	15.304	29.109	61.963	H
ATOM	1980	H2	HOH A	3	15.295	30.002	63.273	H
ATOM	1981	O	HOH A	1	37.894	30.075	18.037	O
ATOM	1982	H1	HOH A	2	37.896	29.154	17.700	H

ATOM	1983	H2	HOH A	3	37.895	30.038	19.017	H
ATOM	1984	O	HOH A	1	37.919	29.942	40.144	O
ATOM	1985	H1	HOH A	2	37.914	29.016	39.824	H
ATOM	1986	H2	HOH A	3	37.913	29.925	41.124	H
ATOM	1987	O	HOH A	1	37.888	30.185	62.255	O
ATOM	1988	H1	HOH A	2	37.892	29.259	61.936	H
ATOM	1989	H2	HOH A	3	37.876	30.168	63.235	H
ATOM	1990	O	HOH A	1	60.489	29.974	17.995	O
ATOM	1991	H1	HOH A	2	60.495	29.050	17.667	H
ATOM	1992	H2	HOH A	3	60.487	29.947	18.974	H
ATOM	1993	O	HOH A	1	60.484	29.989	40.149	O
ATOM	1994	H1	HOH A	2	60.482	29.063	39.830	H
ATOM	1995	H2	HOH A	3	60.481	29.972	41.129	H
ATOM	1996	O	HOH A	1	60.477	30.064	62.275	O
ATOM	1997	H1	HOH A	2	60.473	29.139	61.950	H
ATOM	1998	H2	HOH A	3	60.474	30.040	63.255	H
ATOM	1999	O	HOH A	1	19.826	29.956	18.108	O
ATOM	2000	H1	HOH A	2	20.620	30.425	17.777	H
ATOM	2001	H2	HOH A	3	19.847	29.979	19.088	H
ATOM	2002	O	HOH A	1	19.805	29.928	40.219	O
ATOM	2003	H1	HOH A	2	20.605	30.383	39.881	H
ATOM	2004	H2	HOH A	3	19.834	29.955	41.198	H
ATOM	2005	O	HOH A	1	19.847	30.024	62.316	O
ATOM	2006	H1	HOH A	2	20.643	30.491	61.987	H
ATOM	2007	H2	HOH A	3	19.866	30.047	63.295	H
ATOM	2008	O	HOH A	1	42.448	30.040	18.030	O
ATOM	2009	H1	HOH A	2	43.246	30.499	17.692	H
ATOM	2010	H2	HOH A	3	42.481	30.058	19.009	H
ATOM	2011	O	HOH A	1	42.477	29.901	40.152	O
ATOM	2012	H1	HOH A	2	43.274	30.361	39.816	H
ATOM	2013	H2	HOH A	3	42.499	29.933	41.131	H
ATOM	2014	O	HOH A	1	42.428	30.148	62.266	O
ATOM	2015	H1	HOH A	2	43.231	30.604	61.938	H
ATOM	2016	H2	HOH A	3	42.446	30.170	63.245	H
ATOM	2017	O	HOH A	1	65.029	29.917	18.025	O
ATOM	2018	H1	HOH A	2	65.830	30.375	17.696	H

ATOM	2019	H2	HOH A	3	65.053	29.933	19.005	H
ATOM	2020	O	HOH A	1	65.025	29.947	40.192	O
ATOM	2021	H1	HOH A	2	65.824	30.404	39.856	H
ATOM	2022	H2	HOH A	3	65.046	29.980	41.171	H
ATOM	2023	O	HOH A	1	65.020	30.013	62.314	O
ATOM	2024	H1	HOH A	2	65.819	30.474	61.984	H
ATOM	2025	H2	HOH A	3	65.043	30.028	63.293	H
ATOM	2026	O	HOH A	1	22.064	33.875	18.083	O
ATOM	2027	H1	HOH A	2	21.276	34.357	17.754	H
ATOM	2028	H2	HOH A	3	22.862	34.337	17.751	H
ATOM	2029	O	HOH A	1	22.042	33.827	40.181	O
ATOM	2030	H1	HOH A	2	21.254	34.308	39.851	H
ATOM	2031	H2	HOH A	3	22.840	34.284	39.842	H
ATOM	2032	O	HOH A	1	22.067	33.956	62.280	O
ATOM	2033	H1	HOH A	2	21.279	34.436	61.948	H
ATOM	2034	H2	HOH A	3	22.864	34.421	61.952	H
ATOM	2035	O	HOH A	1	44.657	33.941	17.986	O
ATOM	2036	H1	HOH A	2	43.869	34.420	17.654	H
ATOM	2037	H2	HOH A	3	45.454	34.398	17.646	H
ATOM	2038	O	HOH A	1	44.695	33.819	40.112	O
ATOM	2039	H1	HOH A	2	43.904	34.296	39.784	H
ATOM	2040	H2	HOH A	3	45.489	34.280	39.770	H
ATOM	2041	O	HOH A	1	44.643	34.049	62.216	O
ATOM	2042	H1	HOH A	2	43.860	34.534	61.884	H
ATOM	2043	H2	HOH A	3	45.445	34.507	61.887	H
ATOM	2044	O	HOH A	1	67.266	33.816	17.994	O
ATOM	2045	H1	HOH A	2	66.483	34.298	17.655	H
ATOM	2046	H2	HOH A	3	68.069	34.272	17.665	H
ATOM	2047	O	HOH A	1	67.239	33.850	40.156	O
ATOM	2048	H1	HOH A	2	66.455	34.328	39.814	H
ATOM	2049	H2	HOH A	3	68.040	34.310	39.828	H
ATOM	2050	O	HOH A	1	67.249	33.897	62.277	O
ATOM	2051	H1	HOH A	2	66.464	34.384	61.950	H
ATOM	2052	H2	HOH A	3	68.050	34.353	61.942	H
ATOM	2053	O	HOH A	1	4.039	33.813	18.014	O
ATOM	2054	H1	HOH A	2	4.833	34.289	17.695	H

ATOM	2055	H2	HOH A	3	4.052	33.825	18.994	H
ATOM	2056	O	HOH A	1	3.994	33.854	40.172	O
ATOM	2057	H1	HOH A	2	4.785	34.336	39.852	H
ATOM	2058	H2	HOH A	3	4.012	33.860	41.152	H
ATOM	2059	O	HOH A	1	4.015	33.895	62.282	O
ATOM	2060	H1	HOH A	2	4.808	34.373	61.962	H
ATOM	2061	H2	HOH A	3	4.036	33.897	63.262	H
ATOM	2062	O	HOH A	1	26.625	33.912	18.073	O
ATOM	2063	H1	HOH A	2	27.416	34.393	17.751	H
ATOM	2064	H2	HOH A	3	26.647	33.914	19.053	H
ATOM	2065	O	HOH A	1	26.624	33.833	40.169	O
ATOM	2066	H1	HOH A	2	27.418	34.311	39.850	H
ATOM	2067	H2	HOH A	3	26.638	33.843	41.149	H
ATOM	2068	O	HOH A	1	26.620	34.002	62.277	O
ATOM	2069	H1	HOH A	2	27.410	34.488	61.959	H
ATOM	2070	H2	HOH A	3	26.637	34.007	63.257	H
ATOM	2071	O	HOH A	1	49.219	33.921	17.953	O
ATOM	2072	H1	HOH A	2	50.016	34.396	17.635	H
ATOM	2073	H2	HOH A	3	49.244	33.911	18.932	H
ATOM	2074	O	HOH A	1	49.257	33.836	40.104	O
ATOM	2075	H1	HOH A	2	50.050	34.312	39.780	H
ATOM	2076	H2	HOH A	3	49.270	33.857	41.084	H
ATOM	2077	O	HOH A	1	49.210	34.037	62.232	O
ATOM	2078	H1	HOH A	2	50.004	34.513	61.910	H
ATOM	2079	H2	HOH A	3	49.230	34.043	63.212	H
ATOM	2080	O	HOH A	1	8.550	33.887	18.049	O
ATOM	2081	H1	HOH A	2	7.746	34.338	17.718	H
ATOM	2082	H2	HOH A	3	8.523	33.901	19.029	H
ATOM	2083	O	HOH A	1	8.496	33.911	40.195	O
ATOM	2084	H1	HOH A	2	7.695	34.364	39.859	H
ATOM	2085	H2	HOH A	3	8.467	33.931	41.175	H
ATOM	2086	O	HOH A	1	8.531	33.960	62.287	O
ATOM	2087	H1	HOH A	2	7.726	34.415	61.963	H
ATOM	2088	H2	HOH A	3	8.508	33.964	63.267	H
ATOM	2089	O	HOH A	1	31.123	34.004	18.050	O
ATOM	2090	H1	HOH A	2	30.319	34.458	17.720	H

ATOM	2091	H2	HOH A	3	31.092	34.008	19.029	H
ATOM	2092	O	HOH A	1	31.144	33.894	40.163	O
ATOM	2093	H1	HOH A	2	30.334	34.341	39.840	H
ATOM	2094	H2	HOH A	3	31.127	33.908	41.143	H
ATOM	2095	O	HOH A	1	31.128	34.100	62.271	O
ATOM	2096	H1	HOH A	2	30.321	34.549	61.944	H
ATOM	2097	H2	HOH A	3	31.101	34.104	63.251	H
ATOM	2098	O	HOH A	1	53.740	33.964	17.972	O
ATOM	2099	H1	HOH A	2	52.937	34.421	17.647	H
ATOM	2100	H2	HOH A	3	53.718	33.972	18.952	H
ATOM	2101	O	HOH A	1	53.767	33.916	40.123	O
ATOM	2102	H1	HOH A	2	52.963	34.366	39.790	H
ATOM	2103	H2	HOH A	3	53.740	33.933	41.102	H
ATOM	2104	O	HOH A	1	53.710	34.074	62.231	O
ATOM	2105	H1	HOH A	2	52.911	34.536	61.903	H
ATOM	2106	H2	HOH A	3	53.684	34.082	63.211	H
ATOM	2107	O	HOH A	1	13.031	33.861	18.104	O
ATOM	2108	H1	HOH A	2	13.019	32.938	17.776	H
ATOM	2109	H2	HOH A	3	13.834	34.298	17.749	H
ATOM	2110	O	HOH A	1	12.987	33.889	40.222	O
ATOM	2111	H1	HOH A	2	12.980	32.964	39.897	H
ATOM	2112	H2	HOH A	3	13.795	34.324	39.879	H
ATOM	2113	O	HOH A	1	13.027	33.933	62.310	O
ATOM	2114	H1	HOH A	2	13.008	33.011	61.980	H
ATOM	2115	H2	HOH A	3	13.836	34.363	61.963	H
ATOM	2116	O	HOH A	1	35.626	33.995	18.071	O
ATOM	2117	H1	HOH A	2	35.609	33.069	17.751	H
ATOM	2118	H2	HOH A	3	36.430	34.425	17.711	H
ATOM	2119	O	HOH A	1	35.648	33.865	40.165	O
ATOM	2120	H1	HOH A	2	35.636	32.939	39.844	H
ATOM	2121	H2	HOH A	3	36.453	34.297	39.811	H
ATOM	2122	O	HOH A	1	35.624	34.083	62.295	O
ATOM	2123	H1	HOH A	2	35.607	33.162	61.960	H
ATOM	2124	H2	HOH A	3	36.429	34.518	61.946	H
ATOM	2125	O	HOH A	1	58.224	33.901	18.013	O
ATOM	2126	H1	HOH A	2	58.212	32.977	17.687	H

ATOM	2127	H2	HOH A	3	59.031	34.335	17.665	H
ATOM	2128	O	HOH A	1	58.227	33.898	40.172	O
ATOM	2129	H1	HOH A	2	58.215	32.974	39.844	H
ATOM	2130	H2	HOH A	3	59.036	34.331	39.829	H
ATOM	2131	O	HOH A	1	58.218	34.004	62.286	O
ATOM	2132	H1	HOH A	2	58.202	33.080	61.958	H
ATOM	2133	H2	HOH A	3	59.026	34.435	61.937	H
ATOM	2134	O	HOH A	1	17.551	33.874	18.109	O
ATOM	2135	H1	HOH A	2	17.553	32.948	17.789	H
ATOM	2136	H2	HOH A	3	17.553	33.857	19.089	H
ATOM	2137	O	HOH A	1	17.529	33.869	40.213	O
ATOM	2138	H1	HOH A	2	17.527	32.939	39.904	H
ATOM	2139	H2	HOH A	3	17.536	33.863	41.193	H
ATOM	2140	O	HOH A	1	17.563	33.956	62.300	O
ATOM	2141	H1	HOH A	2	17.560	33.024	61.994	H
ATOM	2142	H2	HOH A	3	17.563	33.953	63.280	H
ATOM	2143	O	HOH A	1	40.153	33.981	18.030	O
ATOM	2144	H1	HOH A	2	40.148	33.049	17.725	H
ATOM	2145	H2	HOH A	3	40.159	33.978	19.010	H
ATOM	2146	O	HOH A	1	40.185	33.842	40.146	O
ATOM	2147	H1	HOH A	2	40.183	32.910	39.841	H
ATOM	2148	H2	HOH A	3	40.194	33.840	41.125	H
ATOM	2149	O	HOH A	1	40.147	34.092	62.263	O
ATOM	2150	H1	HOH A	2	40.154	33.163	61.951	H
ATOM	2151	H2	HOH A	3	40.146	34.082	63.243	H
ATOM	2152	O	HOH A	1	62.759	33.864	18.003	O
ATOM	2153	H1	HOH A	2	62.747	32.934	17.692	H
ATOM	2154	H2	HOH A	3	62.764	33.855	18.983	H
ATOM	2155	O	HOH A	1	62.744	33.871	40.177	O
ATOM	2156	H1	HOH A	2	62.742	32.941	39.868	H
ATOM	2157	H2	HOH A	3	62.745	33.865	41.157	H
ATOM	2158	O	HOH A	1	62.733	33.958	62.288	O
ATOM	2159	H1	HOH A	2	62.728	33.028	61.979	H
ATOM	2160	H2	HOH A	3	62.740	33.951	63.268	H
ATOM	2161	O	HOH A	1	1.731	37.720	18.035	O
ATOM	2162	H1	HOH A	2	1.751	36.800	17.699	H

ATOM	2163	H2	HOH A	3	2.533	38.179	17.709	H
ATOM	2164	O	HOH A	1	1.711	37.765	40.182	O
ATOM	2165	H1	HOH A	2	1.732	36.843	39.849	H
ATOM	2166	H2	HOH A	3	2.514	38.223	39.858	H
ATOM	2167	O	HOH A	1	1.717	37.806	62.304	O
ATOM	2168	H1	HOH A	2	1.735	36.887	61.964	H
ATOM	2169	H2	HOH A	3	2.519	38.265	61.976	H
ATOM	2170	O	HOH A	1	24.332	37.818	18.078	O
ATOM	2171	H1	HOH A	2	24.358	36.895	17.748	H
ATOM	2172	H2	HOH A	3	25.132	38.279	17.750	H
ATOM	2173	O	HOH A	1	24.321	37.733	40.196	O
ATOM	2174	H1	HOH A	2	24.333	36.811	39.865	H
ATOM	2175	H2	HOH A	3	25.125	38.185	39.864	H
ATOM	2176	O	HOH A	1	24.332	37.896	62.291	O
ATOM	2177	H1	HOH A	2	24.354	36.975	61.958	H
ATOM	2178	H2	HOH A	3	25.133	38.356	61.964	H
ATOM	2179	O	HOH A	1	46.927	37.851	17.995	O
ATOM	2180	H1	HOH A	2	46.943	36.928	17.666	H
ATOM	2181	H2	HOH A	3	47.731	38.304	17.665	H
ATOM	2182	O	HOH A	1	46.959	37.740	40.117	O
ATOM	2183	H1	HOH A	2	46.979	36.821	39.779	H
ATOM	2184	H2	HOH A	3	47.764	38.199	39.797	H
ATOM	2185	O	HOH A	1	46.932	37.958	62.240	O
ATOM	2186	H1	HOH A	2	46.948	37.036	61.909	H
ATOM	2187	H2	HOH A	3	47.736	38.412	61.910	H
ATOM	2188	O	HOH A	1	6.271	37.723	18.071	O
ATOM	2189	H1	HOH A	2	5.477	38.196	17.746	H
ATOM	2190	H2	HOH A	3	7.063	38.204	17.750	H
ATOM	2191	O	HOH A	1	6.233	37.773	40.217	O
ATOM	2192	H1	HOH A	2	5.438	38.239	39.884	H
ATOM	2193	H2	HOH A	3	7.024	38.253	39.894	H
ATOM	2194	O	HOH A	1	6.261	37.807	62.327	O
ATOM	2195	H1	HOH A	2	5.465	38.284	62.010	H
ATOM	2196	H2	HOH A	3	7.051	38.289	62.006	H
ATOM	2197	O	HOH A	1	28.857	37.840	18.091	O
ATOM	2198	H1	HOH A	2	28.061	38.311	17.769	H

ATOM	2199	H2	HOH A	3	29.646	38.323	17.768	H
ATOM	2200	O	HOH A	1	28.871	37.735	40.198	O
ATOM	2201	H1	HOH A	2	28.078	38.208	39.869	H
ATOM	2202	H2	HOH A	3	29.663	38.212	39.875	H
ATOM	2203	O	HOH A	1	28.884	37.936	62.304	O
ATOM	2204	H1	HOH A	2	28.090	38.410	61.981	H
ATOM	2205	H2	HOH A	3	29.676	38.416	61.983	H
ATOM	2206	O	HOH A	1	51.474	37.819	17.995	O
ATOM	2207	H1	HOH A	2	50.682	38.296	17.668	H
ATOM	2208	H2	HOH A	3	52.268	38.295	17.674	H
ATOM	2209	O	HOH A	1	51.504	37.749	40.142	O
ATOM	2210	H1	HOH A	2	50.709	38.222	39.817	H
ATOM	2211	H2	HOH A	3	52.294	38.229	39.818	H
ATOM	2212	O	HOH A	1	51.454	37.952	62.274	O
ATOM	2213	H1	HOH A	2	50.662	38.431	61.952	H
ATOM	2214	H2	HOH A	3	52.248	38.425	61.946	H
ATOM	2215	O	HOH A	1	10.785	37.787	18.107	O
ATOM	2216	H1	HOH A	2	10.802	36.867	17.772	H
ATOM	2217	H2	HOH A	3	11.588	38.243	17.778	H
ATOM	2218	O	HOH A	1	10.746	37.813	40.228	O
ATOM	2219	H1	HOH A	2	10.755	36.891	39.896	H
ATOM	2220	H2	HOH A	3	11.556	38.259	39.903	H
ATOM	2221	O	HOH A	1	10.786	37.850	62.335	O
ATOM	2222	H1	HOH A	2	10.801	36.932	61.994	H
ATOM	2223	H2	HOH A	3	11.589	38.308	62.009	H
ATOM	2224	O	HOH A	1	33.376	37.913	18.080	O
ATOM	2225	H1	HOH A	2	33.391	36.990	17.749	H
ATOM	2226	H2	HOH A	3	34.182	38.365	17.754	H
ATOM	2227	O	HOH A	1	33.412	37.785	40.182	O
ATOM	2228	H1	HOH A	2	33.420	36.865	39.844	H
ATOM	2229	H2	HOH A	3	34.216	38.236	39.851	H
ATOM	2230	O	HOH A	1	33.398	38.000	62.305	O
ATOM	2231	H1	HOH A	2	33.410	37.077	61.977	H
ATOM	2232	H2	HOH A	3	34.199	38.452	61.967	H
ATOM	2233	O	HOH A	1	56.002	37.837	18.008	O
ATOM	2234	H1	HOH A	2	56.015	36.914	17.679	H

ATOM	2235	H2	HOH A	3	56.806	38.288	17.675	H
ATOM	2236	O	HOH A	1	56.006	37.824	40.154	O
ATOM	2237	H1	HOH A	2	56.018	36.899	39.831	H
ATOM	2238	H2	HOH A	3	56.812	38.272	39.822	H
ATOM	2239	O	HOH A	1	55.995	37.952	62.275	O
ATOM	2240	H1	HOH A	2	56.000	37.028	61.947	H
ATOM	2241	H2	HOH A	3	56.804	38.395	61.943	H
ATOM	2242	O	HOH A	1	15.301	37.771	18.068	O
ATOM	2243	H1	HOH A	2	15.307	36.842	17.755	H
ATOM	2244	H2	HOH A	3	15.286	37.760	19.048	H
ATOM	2245	O	HOH A	1	15.283	37.788	40.201	O
ATOM	2246	H1	HOH A	2	15.283	36.859	39.890	H
ATOM	2247	H2	HOH A	3	15.264	37.779	41.181	H
ATOM	2248	O	HOH A	1	15.281	37.833	62.285	O
ATOM	2249	H1	HOH A	2	15.279	36.905	61.971	H
ATOM	2250	H2	HOH A	3	15.268	37.822	63.265	H
ATOM	2251	O	HOH A	1	37.894	37.887	18.026	O
ATOM	2252	H1	HOH A	2	37.892	36.960	17.707	H
ATOM	2253	H2	HOH A	3	37.880	37.870	19.006	H
ATOM	2254	O	HOH A	1	37.929	37.746	40.128	O
ATOM	2255	H1	HOH A	2	37.928	36.816	39.817	H
ATOM	2256	H2	HOH A	3	37.914	37.738	41.107	H
ATOM	2257	O	HOH A	1	37.905	37.988	62.253	O
ATOM	2258	H1	HOH A	2	37.907	37.061	61.938	H
ATOM	2259	H2	HOH A	3	37.884	37.975	63.233	H
ATOM	2260	O	HOH A	1	60.500	37.789	17.970	O
ATOM	2261	H1	HOH A	2	60.498	36.862	17.652	H
ATOM	2262	H2	HOH A	3	60.481	37.773	18.950	H
ATOM	2263	O	HOH A	1	60.503	37.785	40.144	O
ATOM	2264	H1	HOH A	2	60.503	36.855	39.835	H
ATOM	2265	H2	HOH A	3	60.478	37.779	41.123	H
ATOM	2266	O	HOH A	1	60.513	37.884	62.257	O
ATOM	2267	H1	HOH A	2	60.505	36.959	61.935	H
ATOM	2268	H2	HOH A	3	60.491	37.864	63.237	H
ATOM	2269	O	HOH A	1	19.822	37.778	18.089	O
ATOM	2270	H1	HOH A	2	19.026	38.240	17.752	H

ATOM	2271	H2	HOH A	3	20.612	38.256	17.760	H
ATOM	2272	O	HOH A	1	19.804	37.742	40.197	O
ATOM	2273	H1	HOH A	2	19.009	38.210	39.866	H
ATOM	2274	H2	HOH A	3	20.594	38.219	39.869	H
ATOM	2275	O	HOH A	1	19.830	37.851	62.305	O
ATOM	2276	H1	HOH A	2	19.031	38.316	61.980	H
ATOM	2277	H2	HOH A	3	20.616	38.339	61.983	H
ATOM	2278	O	HOH A	1	42.418	37.849	18.021	O
ATOM	2279	H1	HOH A	2	41.622	38.318	17.693	H
ATOM	2280	H2	HOH A	3	43.208	38.326	17.692	H
ATOM	2281	O	HOH A	1	42.462	37.712	40.130	O
ATOM	2282	H1	HOH A	2	41.665	38.177	39.798	H
ATOM	2283	H2	HOH A	3	43.251	38.190	39.800	H
ATOM	2284	O	HOH A	1	42.432	37.963	62.250	O
ATOM	2285	H1	HOH A	2	41.638	38.434	61.920	H
ATOM	2286	H2	HOH A	3	43.224	38.438	61.923	H
ATOM	2287	O	HOH A	1	65.033	37.725	18.010	O
ATOM	2288	H1	HOH A	2	64.239	38.198	17.683	H
ATOM	2289	H2	HOH A	3	65.825	38.199	17.682	H
ATOM	2290	O	HOH A	1	65.014	37.748	40.169	O
ATOM	2291	H1	HOH A	2	64.218	38.214	39.836	H
ATOM	2292	H2	HOH A	3	65.803	38.230	39.846	H
ATOM	2293	O	HOH A	1	65.032	37.805	62.310	O
ATOM	2294	H1	HOH A	2	64.238	38.278	61.982	H
ATOM	2295	H2	HOH A	3	65.824	38.285	61.991	H
ATOM	2296	O	HOH A	1	22.085	41.709	18.076	O
ATOM	2297	H1	HOH A	2	22.080	40.784	17.755	H
ATOM	2298	H2	HOH A	3	21.273	42.148	17.747	H
ATOM	2299	O	HOH A	1	22.071	41.670	40.183	O
ATOM	2300	H1	HOH A	2	22.061	40.743	39.864	H
ATOM	2301	H2	HOH A	3	21.262	42.113	39.852	H
ATOM	2302	O	HOH A	1	22.091	41.797	62.280	O
ATOM	2303	H1	HOH A	2	22.084	40.872	61.957	H
ATOM	2304	H2	HOH A	3	21.275	42.235	61.959	H
ATOM	2305	O	HOH A	1	44.675	41.774	18.005	O
ATOM	2306	H1	HOH A	2	44.656	40.849	17.681	H

ATOM	2307	H2	HOH A	3	43.862	42.222	17.689	H
ATOM	2308	O	HOH A	1	44.713	41.655	40.120	O
ATOM	2309	H1	HOH A	2	44.701	40.730	39.798	H
ATOM	2310	H2	HOH A	3	43.902	42.099	39.796	H
ATOM	2311	O	HOH A	1	44.676	41.886	62.245	O
ATOM	2312	H1	HOH A	2	44.665	40.962	61.918	H
ATOM	2313	H2	HOH A	3	43.871	42.335	61.911	H
ATOM	2314	O	HOH A	1	67.287	41.647	18.033	O
ATOM	2315	H1	HOH A	2	67.272	40.723	17.706	H
ATOM	2316	H2	HOH A	3	66.477	42.095	17.712	H
ATOM	2317	O	HOH A	1	67.274	41.680	40.183	O
ATOM	2318	H1	HOH A	2	67.263	40.756	39.859	H
ATOM	2319	H2	HOH A	3	66.466	42.127	39.853	H
ATOM	2320	O	HOH A	1	67.273	41.749	62.305	O
ATOM	2321	H1	HOH A	2	67.263	40.825	61.978	H
ATOM	2322	H2	HOH A	3	66.465	42.196	61.975	H
ATOM	2323	O	HOH A	1	4.002	41.640	18.049	O
ATOM	2324	H1	HOH A	2	3.197	42.096	17.726	H
ATOM	2325	H2	HOH A	3	3.978	41.640	19.029	H
ATOM	2326	O	HOH A	1	3.980	41.687	40.201	O
ATOM	2327	H1	HOH A	2	3.173	42.140	39.878	H
ATOM	2328	H2	HOH A	3	3.961	41.695	41.180	H
ATOM	2329	O	HOH A	1	3.972	41.712	62.316	O
ATOM	2330	H1	HOH A	2	3.168	42.179	62.005	H
ATOM	2331	H2	HOH A	3	3.962	41.712	63.296	H
ATOM	2332	O	HOH A	1	26.593	41.758	18.079	O
ATOM	2333	H1	HOH A	2	25.784	42.210	17.760	H
ATOM	2334	H2	HOH A	3	26.576	41.763	19.059	H
ATOM	2335	O	HOH A	1	26.587	41.661	40.174	O
ATOM	2336	H1	HOH A	2	25.780	42.115	39.854	H
ATOM	2337	H2	HOH A	3	26.573	41.673	41.154	H
ATOM	2338	O	HOH A	1	26.610	41.833	62.293	O
ATOM	2339	H1	HOH A	2	25.803	42.284	61.969	H
ATOM	2340	H2	HOH A	3	26.594	41.849	63.273	H
ATOM	2341	O	HOH A	1	49.202	41.748	17.982	O
ATOM	2342	H1	HOH A	2	48.393	42.208	17.675	H

ATOM	2343	H2	HOH A	3	49.197	41.750	18.962	H
ATOM	2344	O	HOH A	1	49.231	41.662	40.127	O
ATOM	2345	H1	HOH A	2	48.424	42.112	39.802	H
ATOM	2346	H2	HOH A	3	49.214	41.679	41.107	H
ATOM	2347	O	HOH A	1	49.184	41.871	62.259	O
ATOM	2348	H1	HOH A	2	48.383	42.333	61.935	H
ATOM	2349	H2	HOH A	3	49.160	41.872	63.238	H
ATOM	2350	O	HOH A	1	8.497	41.666	18.072	O
ATOM	2351	H1	HOH A	2	7.706	42.138	17.738	H
ATOM	2352	H2	HOH A	3	9.291	42.146	17.755	H
ATOM	2353	O	HOH A	1	8.460	41.705	40.220	O
ATOM	2354	H1	HOH A	2	7.673	42.183	39.887	H
ATOM	2355	H2	HOH A	3	9.258	42.173	39.897	H
ATOM	2356	O	HOH A	1	8.491	41.740	62.317	O
ATOM	2357	H1	HOH A	2	7.697	42.205	61.981	H
ATOM	2358	H2	HOH A	3	9.282	42.220	61.995	H
ATOM	2359	O	HOH A	1	31.079	41.792	18.072	O
ATOM	2360	H1	HOH A	2	30.288	42.268	17.744	H
ATOM	2361	H2	HOH A	3	31.874	42.266	17.749	H
ATOM	2362	O	HOH A	1	31.088	41.665	40.177	O
ATOM	2363	H1	HOH A	2	30.295	42.138	39.849	H
ATOM	2364	H2	HOH A	3	31.881	42.141	39.851	H
ATOM	2365	O	HOH A	1	31.103	41.880	62.287	O
ATOM	2366	H1	HOH A	2	30.309	42.350	61.957	H
ATOM	2367	H2	HOH A	3	31.894	42.358	61.963	H
ATOM	2368	O	HOH A	1	53.699	41.740	18.000	O
ATOM	2369	H1	HOH A	2	52.909	42.221	17.676	H
ATOM	2370	H2	HOH A	3	54.494	42.211	17.675	H
ATOM	2371	O	HOH A	1	53.721	41.700	40.143	O
ATOM	2372	H1	HOH A	2	52.930	42.174	39.813	H
ATOM	2373	H2	HOH A	3	54.515	42.179	39.826	H
ATOM	2374	O	HOH A	1	53.688	41.859	62.265	O
ATOM	2375	H1	HOH A	2	52.899	42.337	61.934	H
ATOM	2376	H2	HOH A	3	54.485	42.329	61.939	H
ATOM	2377	O	HOH A	1	13.048	41.673	18.087	O
ATOM	2378	H1	HOH A	2	12.253	42.146	17.765	H

ATOM	2379	H2	HOH A	3	13.839	42.147	17.756	H
ATOM	2380	O	HOH A	1	13.001	41.683	40.221	O
ATOM	2381	H1	HOH A	2	12.214	42.170	39.897	H
ATOM	2382	H2	HOH A	3	13.800	42.149	39.897	H
ATOM	2383	O	HOH A	1	13.034	41.741	62.315	O
ATOM	2384	H1	HOH A	2	12.240	42.220	61.997	H
ATOM	2385	H2	HOH A	3	13.826	42.218	61.989	H
ATOM	2386	O	HOH A	1	35.628	41.789	18.052	O
ATOM	2387	H1	HOH A	2	34.837	42.274	17.736	H
ATOM	2388	H2	HOH A	3	36.422	42.261	17.727	H
ATOM	2389	O	HOH A	1	35.650	41.661	40.165	O
ATOM	2390	H1	HOH A	2	34.851	42.133	39.851	H
ATOM	2391	H2	HOH A	3	36.437	42.139	39.830	H
ATOM	2392	O	HOH A	1	35.645	41.886	62.290	O
ATOM	2393	H1	HOH A	2	34.851	42.367	61.976	H
ATOM	2394	H2	HOH A	3	36.437	42.357	61.955	H
ATOM	2395	O	HOH A	1	58.233	41.695	17.999	O
ATOM	2396	H1	HOH A	2	57.443	42.185	17.689	H
ATOM	2397	H2	HOH A	3	59.028	42.171	17.681	H
ATOM	2398	O	HOH A	1	58.256	41.702	40.143	O
ATOM	2399	H1	HOH A	2	57.463	42.179	39.821	H
ATOM	2400	H2	HOH A	3	59.048	42.176	39.814	H
ATOM	2401	O	HOH A	1	58.231	41.800	62.283	O
ATOM	2402	H1	HOH A	2	57.439	42.280	61.961	H
ATOM	2403	H2	HOH A	3	59.025	42.272	61.955	H
ATOM	2404	O	HOH A	1	17.534	41.687	18.098	O
ATOM	2405	H1	HOH A	2	17.545	40.757	17.788	H
ATOM	2406	H2	HOH A	3	17.524	41.679	19.078	H
ATOM	2407	O	HOH A	1	17.533	41.678	40.217	O
ATOM	2408	H1	HOH A	2	17.542	40.748	39.906	H
ATOM	2409	H2	HOH A	3	17.518	41.669	41.196	H
ATOM	2410	O	HOH A	1	17.541	41.757	62.310	O
ATOM	2411	H1	HOH A	2	17.544	40.828	61.998	H
ATOM	2412	H2	HOH A	3	17.540	41.748	63.290	H
ATOM	2413	O	HOH A	1	40.137	41.790	18.038	O
ATOM	2414	H1	HOH A	2	40.144	40.863	17.721	H

ATOM	2415	H2	HOH A	3	40.134	41.774	19.018	H
ATOM	2416	O	HOH A	1	40.165	41.648	40.149	O
ATOM	2417	H1	HOH A	2	40.171	40.718	39.837	H
ATOM	2418	H2	HOH A	3	40.160	41.639	41.129	H
ATOM	2419	O	HOH A	1	40.142	41.906	62.273	O
ATOM	2420	H1	HOH A	2	40.143	40.976	61.965	H
ATOM	2421	H2	HOH A	3	40.128	41.900	63.253	H
ATOM	2422	O	HOH A	1	62.742	41.676	18.009	O
ATOM	2423	H1	HOH A	2	62.749	40.745	17.701	H
ATOM	2424	H2	HOH A	3	62.737	41.670	18.989	H
ATOM	2425	O	HOH A	1	62.743	41.693	40.168	O
ATOM	2426	H1	HOH A	2	62.746	40.764	39.855	H
ATOM	2427	H2	HOH A	3	62.733	41.683	41.148	H
ATOM	2428	O	HOH A	1	62.742	41.771	62.301	O
ATOM	2429	H1	HOH A	2	62.750	40.844	61.983	H
ATOM	2430	H2	HOH A	3	62.730	41.755	63.281	H
ATOM	2431	O	HOH A	1	22.061	46.934	17.159	O
ATOM	2432	H1	HOH A	2	21.263	46.471	17.490	H
ATOM	2433	H2	HOH A	3	22.041	47.853	17.499	H
ATOM	2434	O	HOH A	1	22.059	46.888	39.280	O
ATOM	2435	H1	HOH A	2	21.258	46.432	39.612	H
ATOM	2436	H2	HOH A	3	22.043	47.810	39.613	H
ATOM	2437	O	HOH A	1	22.078	47.001	61.367	O
ATOM	2438	H1	HOH A	2	21.277	46.544	61.698	H
ATOM	2439	H2	HOH A	3	22.060	47.923	61.699	H
ATOM	2440	O	HOH A	1	44.681	46.990	17.087	O
ATOM	2441	H1	HOH A	2	43.880	46.540	17.426	H
ATOM	2442	H2	HOH A	3	44.670	47.914	17.415	H
ATOM	2443	O	HOH A	1	44.718	46.869	39.203	O
ATOM	2444	H1	HOH A	2	43.916	46.412	39.531	H
ATOM	2445	H2	HOH A	3	44.706	47.786	39.547	H
ATOM	2446	O	HOH A	1	44.677	47.107	61.332	O
ATOM	2447	H1	HOH A	2	43.877	46.646	61.661	H
ATOM	2448	H2	HOH A	3	44.655	48.028	61.666	H
ATOM	2449	O	HOH A	1	67.297	46.871	17.106	O
ATOM	2450	H1	HOH A	2	66.493	46.413	17.429	H

ATOM	2451	H2	HOH A	3	67.281	47.789	17.449	H
ATOM	2452	O	HOH A	1	67.284	46.894	39.255	O
ATOM	2453	H1	HOH A	2	66.480	46.437	39.580	H
ATOM	2454	H2	HOH A	3	67.268	47.813	39.594	H
ATOM	2455	O	HOH A	1	67.280	46.960	61.381	O
ATOM	2456	H1	HOH A	2	66.477	46.501	61.704	H
ATOM	2457	H2	HOH A	3	67.260	47.879	61.720	H
ATOM	2458	O	HOH A	1	3.986	46.901	17.114	O
ATOM	2459	H1	HOH A	2	4.784	46.440	17.446	H
ATOM	2460	H2	HOH A	3	3.199	46.418	17.442	H
ATOM	2461	O	HOH A	1	3.970	46.935	39.277	O
ATOM	2462	H1	HOH A	2	4.768	46.469	39.604	H
ATOM	2463	H2	HOH A	3	3.183	46.450	39.601	H
ATOM	2464	O	HOH A	1	3.979	46.976	61.388	O
ATOM	2465	H1	HOH A	2	4.775	46.510	61.718	H
ATOM	2466	H2	HOH A	3	3.189	46.497	61.714	H
ATOM	2467	O	HOH A	1	26.563	47.007	17.150	O
ATOM	2468	H1	HOH A	2	27.369	46.550	17.469	H
ATOM	2469	H2	HOH A	3	25.784	46.511	17.476	H
ATOM	2470	O	HOH A	1	26.576	46.920	39.258	O
ATOM	2471	H1	HOH A	2	27.371	46.452	39.588	H
ATOM	2472	H2	HOH A	3	25.786	46.438	39.579	H
ATOM	2473	O	HOH A	1	26.584	47.077	61.356	O
ATOM	2474	H1	HOH A	2	27.381	46.610	61.684	H
ATOM	2475	H2	HOH A	3	25.795	46.596	61.683	H
ATOM	2476	O	HOH A	1	49.188	47.009	17.066	O
ATOM	2477	H1	HOH A	2	49.985	46.540	17.392	H
ATOM	2478	H2	HOH A	3	48.399	46.525	17.388	H
ATOM	2479	O	HOH A	1	49.213	46.922	39.197	O
ATOM	2480	H1	HOH A	2	50.011	46.455	39.522	H
ATOM	2481	H2	HOH A	3	48.425	46.435	39.517	H
ATOM	2482	O	HOH A	1	49.181	47.118	61.324	O
ATOM	2483	H1	HOH A	2	49.975	46.650	61.655	H
ATOM	2484	H2	HOH A	3	48.390	46.639	61.649	H
ATOM	2485	O	HOH A	1	8.507	46.869	17.167	O
ATOM	2486	H1	HOH A	2	8.519	47.801	17.469	H

ATOM	2487	H2	HOH A	3	8.519	46.868	16.187	H
ATOM	2488	O	HOH A	1	8.487	46.916	39.322	O
ATOM	2489	H1	HOH A	2	8.491	47.846	39.629	H
ATOM	2490	H2	HOH A	3	8.496	46.920	38.342	H
ATOM	2491	O	HOH A	1	8.498	46.944	61.429	O
ATOM	2492	H1	HOH A	2	8.510	47.876	61.729	H
ATOM	2493	H2	HOH A	3	8.507	46.941	60.449	H
ATOM	2494	O	HOH A	1	31.097	47.004	17.182	O
ATOM	2495	H1	HOH A	2	31.107	47.933	17.495	H
ATOM	2496	H2	HOH A	3	31.107	47.015	16.202	H
ATOM	2497	O	HOH A	1	31.097	46.877	39.277	O
ATOM	2498	H1	HOH A	2	31.104	47.807	39.586	H
ATOM	2499	H2	HOH A	3	31.106	46.883	38.297	H
ATOM	2500	O	HOH A	1	31.106	47.085	61.383	O
ATOM	2501	H1	HOH A	2	31.113	48.017	61.687	H
ATOM	2502	H2	HOH A	3	31.115	47.086	60.403	H
ATOM	2503	O	HOH A	1	53.714	46.959	17.099	O
ATOM	2504	H1	HOH A	2	53.722	47.887	17.414	H
ATOM	2505	H2	HOH A	3	53.725	46.971	16.119	H
ATOM	2506	O	HOH A	1	53.736	46.904	39.242	O
ATOM	2507	H1	HOH A	2	53.745	47.836	39.547	H
ATOM	2508	H2	HOH A	3	53.748	46.906	38.262	H
ATOM	2509	O	HOH A	1	53.706	47.063	61.369	O
ATOM	2510	H1	HOH A	2	53.709	47.995	61.671	H
ATOM	2511	H2	HOH A	3	53.721	47.062	60.389	H
ATOM	2512	O	HOH A	1	13.008	46.879	17.151	O
ATOM	2513	H1	HOH A	2	13.816	46.430	17.478	H
ATOM	2514	H2	HOH A	3	13.023	47.803	17.477	H
ATOM	2515	O	HOH A	1	12.995	46.886	39.296	O
ATOM	2516	H1	HOH A	2	13.804	46.443	39.626	H
ATOM	2517	H2	HOH A	3	13.000	47.810	39.622	H
ATOM	2518	O	HOH A	1	13.014	46.948	61.392	O
ATOM	2519	H1	HOH A	2	13.820	46.495	61.715	H
ATOM	2520	H2	HOH A	3	13.036	47.873	61.716	H
ATOM	2521	O	HOH A	1	35.604	46.994	17.120	O
ATOM	2522	H1	HOH A	2	36.412	46.546	17.448	H

ATOM	2523	H2	HOH A	3	35.614	47.916	17.451	H
ATOM	2524	O	HOH A	1	35.628	46.858	39.232	O
ATOM	2525	H1	HOH A	2	36.438	46.412	39.556	H
ATOM	2526	H2	HOH A	3	35.639	47.781	39.560	H
ATOM	2527	O	HOH A	1	35.611	47.100	61.340	O
ATOM	2528	H1	HOH A	2	36.421	46.659	61.672	H
ATOM	2529	H2	HOH A	3	35.619	48.027	61.656	H
ATOM	2530	O	HOH A	1	58.220	46.909	17.071	O
ATOM	2531	H1	HOH A	2	59.028	46.464	17.401	H
ATOM	2532	H2	HOH A	3	58.228	47.833	17.397	H
ATOM	2533	O	HOH A	1	58.232	46.904	39.215	O
ATOM	2534	H1	HOH A	2	59.040	46.455	39.540	H
ATOM	2535	H2	HOH A	3	58.241	47.825	39.549	H
ATOM	2536	O	HOH A	1	58.205	47.005	61.350	O
ATOM	2537	H1	HOH A	2	59.013	46.563	61.687	H
ATOM	2538	H2	HOH A	3	58.209	47.930	61.674	H
ATOM	2539	O	HOH A	1	17.540	46.893	17.155	O
ATOM	2540	H1	HOH A	2	18.334	46.429	17.494	H
ATOM	2541	H2	HOH A	3	16.748	46.422	17.489	H
ATOM	2542	O	HOH A	1	17.518	46.885	39.300	O
ATOM	2543	H1	HOH A	2	18.314	46.419	39.634	H
ATOM	2544	H2	HOH A	3	16.728	46.411	39.635	H
ATOM	2545	O	HOH A	1	17.550	46.966	61.390	O
ATOM	2546	H1	HOH A	2	18.345	46.504	61.729	H
ATOM	2547	H2	HOH A	3	16.760	46.495	61.726	H
ATOM	2548	O	HOH A	1	40.149	47.004	17.119	O
ATOM	2549	H1	HOH A	2	40.944	46.536	17.449	H
ATOM	2550	H2	HOH A	3	39.359	46.530	17.453	H
ATOM	2551	O	HOH A	1	40.178	46.866	39.231	O
ATOM	2552	H1	HOH A	2	40.971	46.399	39.568	H
ATOM	2553	H2	HOH A	3	39.385	46.396	39.564	H
ATOM	2554	O	HOH A	1	40.149	47.104	61.346	O
ATOM	2555	H1	HOH A	2	40.944	46.640	61.683	H
ATOM	2556	H2	HOH A	3	39.358	46.638	61.689	H
ATOM	2557	O	HOH A	1	62.767	46.885	17.104	O
ATOM	2558	H1	HOH A	2	63.558	46.412	17.437	H

ATOM	2559	H2	HOH A	3	61.972	46.423	17.443	H
ATOM	2560	O	HOH A	1	62.748	46.907	39.242	O
ATOM	2561	H1	HOH A	2	63.547	46.450	39.577	H
ATOM	2562	H2	HOH A	3	61.962	46.430	39.580	H
ATOM	2563	O	HOH A	1	62.737	46.989	61.384	O
ATOM	2564	H1	HOH A	2	63.529	46.521	61.720	H
ATOM	2565	H2	HOH A	3	61.944	46.522	61.720	H
ATOM	2566	O	HOH A	1	1.741	27.336	17.093	O
ATOM	2567	H1	HOH A	2	2.543	26.874	17.414	H
ATOM	2568	H2	HOH A	3	0.958	26.858	17.440	H
ATOM	2569	O	HOH A	1	1.727	27.366	39.257	O
ATOM	2570	H1	HOH A	2	2.531	26.907	39.577	H
ATOM	2571	H2	HOH A	3	0.946	26.881	39.595	H
ATOM	2572	O	HOH A	1	1.741	27.412	61.366	O
ATOM	2573	H1	HOH A	2	2.541	26.946	61.688	H
ATOM	2574	H2	HOH A	3	0.955	26.939	61.712	H
ATOM	2575	O	HOH A	1	24.315	27.409	17.152	O
ATOM	2576	H1	HOH A	2	25.122	26.952	17.468	H
ATOM	2577	H2	HOH A	3	23.537	26.919	17.491	H
ATOM	2578	O	HOH A	1	24.318	27.355	39.265	O
ATOM	2579	H1	HOH A	2	25.123	26.896	39.583	H
ATOM	2580	H2	HOH A	3	23.538	26.872	39.611	H
ATOM	2581	O	HOH A	1	24.335	27.490	61.363	O
ATOM	2582	H1	HOH A	2	25.141	27.035	61.684	H
ATOM	2583	H2	HOH A	3	23.556	27.010	61.714	H
ATOM	2584	O	HOH A	1	46.946	27.459	17.059	O
ATOM	2585	H1	HOH A	2	47.747	26.996	17.380	H
ATOM	2586	H2	HOH A	3	46.162	26.980	17.400	H
ATOM	2587	O	HOH A	1	46.966	27.350	39.198	O
ATOM	2588	H1	HOH A	2	47.771	26.891	39.518	H
ATOM	2589	H2	HOH A	3	46.186	26.865	39.539	H
ATOM	2590	O	HOH A	1	46.928	27.569	61.321	O
ATOM	2591	H1	HOH A	2	47.731	27.107	61.641	H
ATOM	2592	H2	HOH A	3	46.145	27.095	61.672	H
ATOM	2593	O	HOH A	1	6.287	27.301	17.164	O
ATOM	2594	H1	HOH A	2	6.293	28.231	17.474	H

ATOM	2595	H2	HOH A	3	6.282	27.309	16.184	H
ATOM	2596	O	HOH A	1	6.240	27.333	39.316	O
ATOM	2597	H1	HOH A	2	6.251	28.262	39.626	H
ATOM	2598	H2	HOH A	3	6.233	27.340	38.336	H
ATOM	2599	O	HOH A	1	6.277	27.376	61.421	O
ATOM	2600	H1	HOH A	2	6.284	28.304	61.734	H
ATOM	2601	H2	HOH A	3	6.273	27.386	60.441	H
ATOM	2602	O	HOH A	1	28.861	27.405	17.186	O
ATOM	2603	H1	HOH A	2	28.877	28.331	17.507	H
ATOM	2604	H2	HOH A	3	28.852	27.425	16.206	H
ATOM	2605	O	HOH A	1	28.870	27.314	39.298	O
ATOM	2606	H1	HOH A	2	28.883	28.243	39.609	H
ATOM	2607	H2	HOH A	3	28.864	27.323	38.318	H
ATOM	2608	O	HOH A	1	28.868	27.498	61.391	O
ATOM	2609	H1	HOH A	2	28.882	28.430	61.696	H
ATOM	2610	H2	HOH A	3	28.858	27.500	60.411	H
ATOM	2611	O	HOH A	1	51.482	27.397	17.092	O
ATOM	2612	H1	HOH A	2	51.490	28.325	17.405	H
ATOM	2613	H2	HOH A	3	51.480	27.408	16.112	H
ATOM	2614	O	HOH A	1	51.501	27.322	39.243	O
ATOM	2615	H1	HOH A	2	51.514	28.249	39.560	H
ATOM	2616	H2	HOH A	3	51.499	27.338	38.263	H
ATOM	2617	O	HOH A	1	51.468	27.507	61.380	O
ATOM	2618	H1	HOH A	2	51.480	28.440	61.681	H
ATOM	2619	H2	HOH A	3	51.466	27.506	60.400	H
ATOM	2620	O	HOH A	1	10.801	27.351	17.166	O
ATOM	2621	H1	HOH A	2	10.003	26.883	17.489	H
ATOM	2622	H2	HOH A	3	10.774	27.355	16.186	H
ATOM	2623	O	HOH A	1	10.761	27.380	39.305	O
ATOM	2624	H1	HOH A	2	9.964	26.910	39.629	H
ATOM	2625	H2	HOH A	3	10.732	27.387	38.326	H
ATOM	2626	O	HOH A	1	10.801	27.424	61.413	O
ATOM	2627	H1	HOH A	2	10.004	26.956	61.738	H
ATOM	2628	H2	HOH A	3	10.769	27.433	60.434	H
ATOM	2629	O	HOH A	1	33.384	27.484	17.160	O
ATOM	2630	H1	HOH A	2	32.585	27.018	17.482	H

ATOM	2631	H2	HOH A	3	33.354	27.496	16.180	H
ATOM	2632	O	HOH A	1	33.407	27.343	39.276	O
ATOM	2633	H1	HOH A	2	32.605	26.879	39.596	H
ATOM	2634	H2	HOH A	3	33.380	27.353	38.296	H
ATOM	2635	O	HOH A	1	33.390	27.572	61.375	O
ATOM	2636	H1	HOH A	2	32.592	27.101	61.691	H
ATOM	2637	H2	HOH A	3	33.369	27.581	60.395	H
ATOM	2638	O	HOH A	1	55.992	27.402	17.095	O
ATOM	2639	H1	HOH A	2	55.191	26.937	17.416	H
ATOM	2640	H2	HOH A	3	55.965	27.410	16.115	H
ATOM	2641	O	HOH A	1	56.014	27.376	39.222	O
ATOM	2642	H1	HOH A	2	55.210	26.917	39.543	H
ATOM	2643	H2	HOH A	3	55.988	27.382	38.242	H
ATOM	2644	O	HOH A	1	55.996	27.511	61.368	O
ATOM	2645	H1	HOH A	2	55.190	27.052	61.686	H
ATOM	2646	H2	HOH A	3	55.974	27.519	60.389	H
ATOM	2647	O	HOH A	1	15.299	27.360	17.136	O
ATOM	2648	H1	HOH A	2	16.093	26.887	17.459	H
ATOM	2649	H2	HOH A	3	14.508	26.885	17.466	H
ATOM	2650	O	HOH A	1	15.259	27.345	39.268	O
ATOM	2651	H1	HOH A	2	16.050	26.859	39.581	H
ATOM	2652	H2	HOH A	3	14.464	26.878	39.601	H
ATOM	2653	O	HOH A	1	15.297	27.421	61.354	O
ATOM	2654	H1	HOH A	2	16.087	26.939	61.677	H
ATOM	2655	H2	HOH A	3	14.501	26.960	61.693	H
ATOM	2656	O	HOH A	1	37.899	27.467	17.098	O
ATOM	2657	H1	HOH A	2	38.695	26.991	17.415	H
ATOM	2658	H2	HOH A	3	37.109	26.991	17.430	H
ATOM	2659	O	HOH A	1	37.920	27.325	39.224	O
ATOM	2660	H1	HOH A	2	38.714	26.847	39.541	H
ATOM	2661	H2	HOH A	3	37.129	26.851	39.557	H
ATOM	2662	O	HOH A	1	37.890	27.570	61.333	O
ATOM	2663	H1	HOH A	2	38.684	27.091	61.650	H
ATOM	2664	H2	HOH A	3	37.098	27.101	61.671	H
ATOM	2665	O	HOH A	1	60.505	27.362	17.044	O
ATOM	2666	H1	HOH A	2	61.295	26.878	17.362	H

ATOM	2667	H2	HOH A	3	59.710	26.894	17.374	H
ATOM	2668	O	HOH A	1	60.492	27.369	39.230	O
ATOM	2669	H1	HOH A	2	61.283	26.889	39.552	H
ATOM	2670	H2	HOH A	3	59.698	26.900	39.562	H
ATOM	2671	O	HOH A	1	60.490	27.450	61.337	O
ATOM	2672	H1	HOH A	2	61.284	26.975	61.660	H
ATOM	2673	H2	HOH A	3	59.699	26.981	61.673	H
ATOM	2674	O	HOH A	1	19.819	27.348	17.186	O
ATOM	2675	H1	HOH A	2	19.828	28.274	17.506	H
ATOM	2676	H2	HOH A	3	19.821	27.367	16.206	H
ATOM	2677	O	HOH A	1	19.805	27.311	39.333	O
ATOM	2678	H1	HOH A	2	19.814	28.243	39.638	H
ATOM	2679	H2	HOH A	3	19.811	27.313	38.353	H
ATOM	2680	O	HOH A	1	19.832	27.414	61.407	O
ATOM	2681	H1	HOH A	2	19.844	28.344	61.716	H
ATOM	2682	H2	HOH A	3	19.850	27.421	60.427	H
ATOM	2683	O	HOH A	1	42.445	27.428	17.131	O
ATOM	2684	H1	HOH A	2	42.457	28.356	17.444	H
ATOM	2685	H2	HOH A	3	42.453	27.439	16.151	H
ATOM	2686	O	HOH A	1	42.471	27.279	39.256	O
ATOM	2687	H1	HOH A	2	42.486	28.208	39.568	H
ATOM	2688	H2	HOH A	3	42.479	27.289	38.276	H
ATOM	2689	O	HOH A	1	42.432	27.533	61.362	O
ATOM	2690	H1	HOH A	2	42.436	28.465	61.665	H
ATOM	2691	H2	HOH A	3	42.441	27.533	60.382	H
ATOM	2692	O	HOH A	1	65.048	27.306	17.128	O
ATOM	2693	H1	HOH A	2	65.060	28.238	17.433	H
ATOM	2694	H2	HOH A	3	65.064	27.308	16.148	H
ATOM	2695	O	HOH A	1	65.025	27.326	39.286	O
ATOM	2696	H1	HOH A	2	65.046	28.255	39.596	H
ATOM	2697	H2	HOH A	3	65.031	27.334	38.306	H
ATOM	2698	O	HOH A	1	65.031	27.406	61.411	O
ATOM	2699	H1	HOH A	2	65.043	28.336	61.720	H
ATOM	2700	H2	HOH A	3	65.038	27.413	60.431	H
ATOM	2701	O	HOH A	1	22.061	31.283	17.149	O
ATOM	2702	H1	HOH A	2	22.878	30.849	17.471	H

ATOM	2703	H2	HOH A	3	22.059	32.206	17.477	H
ATOM	2704	O	HOH A	1	22.048	31.224	39.254	O
ATOM	2705	H1	HOH A	2	22.860	30.785	39.581	H
ATOM	2706	H2	HOH A	3	22.049	32.147	39.583	H
ATOM	2707	O	HOH A	1	22.074	31.355	61.358	O
ATOM	2708	H1	HOH A	2	22.892	30.928	61.688	H
ATOM	2709	H2	HOH A	3	22.068	32.283	61.675	H
ATOM	2710	O	HOH A	1	44.679	31.349	17.053	O
ATOM	2711	H1	HOH A	2	45.496	30.914	17.374	H
ATOM	2712	H2	HOH A	3	44.677	32.272	17.382	H
ATOM	2713	O	HOH A	1	44.705	31.224	39.179	O
ATOM	2714	H1	HOH A	2	45.518	30.788	39.511	H
ATOM	2715	H2	HOH A	3	44.704	32.149	39.503	H
ATOM	2716	O	HOH A	1	44.659	31.450	61.295	O
ATOM	2717	H1	HOH A	2	45.476	31.021	61.626	H
ATOM	2718	H2	HOH A	3	44.655	32.378	61.609	H
ATOM	2719	O	HOH A	1	67.272	31.214	17.079	O
ATOM	2720	H1	HOH A	2	68.085	30.778	17.410	H
ATOM	2721	H2	HOH A	3	67.274	32.141	17.398	H
ATOM	2722	O	HOH A	1	67.259	31.252	39.224	O
ATOM	2723	H1	HOH A	2	68.077	30.825	39.553	H
ATOM	2724	H2	HOH A	3	67.252	32.179	39.542	H
ATOM	2725	O	HOH A	1	67.265	31.302	61.346	O
ATOM	2726	H1	HOH A	2	68.076	30.863	61.675	H
ATOM	2727	H2	HOH A	3	67.267	32.226	61.672	H
ATOM	2728	O	HOH A	1	4.046	31.191	17.125	O
ATOM	2729	H1	HOH A	2	3.230	30.758	17.452	H
ATOM	2730	H2	HOH A	3	4.049	32.115	17.450	H
ATOM	2731	O	HOH A	1	4.020	31.239	39.269	O
ATOM	2732	H1	HOH A	2	3.211	30.795	39.599	H
ATOM	2733	H2	HOH A	3	4.013	32.163	39.595	H
ATOM	2734	O	HOH A	1	4.035	31.278	61.388	O
ATOM	2735	H1	HOH A	2	3.220	30.840	61.710	H
ATOM	2736	H2	HOH A	3	4.033	32.202	61.716	H
ATOM	2737	O	HOH A	1	26.635	31.299	17.165	O
ATOM	2738	H1	HOH A	2	25.824	30.852	17.487	H

ATOM	2739	H2	HOH A	3	26.626	32.220	17.501	H
ATOM	2740	O	HOH A	1	26.629	31.211	39.290	O
ATOM	2741	H1	HOH A	2	25.813	30.774	39.613	H
ATOM	2742	H2	HOH A	3	26.626	32.136	39.615	H
ATOM	2743	O	HOH A	1	26.638	31.384	61.378	O
ATOM	2744	H1	HOH A	2	25.833	30.936	61.712	H
ATOM	2745	H2	HOH A	3	26.628	32.308	61.706	H
ATOM	2746	O	HOH A	1	49.253	31.317	17.056	O
ATOM	2747	H1	HOH A	2	48.438	30.878	17.378	H
ATOM	2748	H2	HOH A	3	49.246	32.243	17.379	H
ATOM	2749	O	HOH A	1	49.270	31.217	39.211	O
ATOM	2750	H1	HOH A	2	48.461	30.774	39.541	H
ATOM	2751	H2	HOH A	3	49.267	32.140	39.542	H
ATOM	2752	O	HOH A	1	49.242	31.426	61.329	O
ATOM	2753	H1	HOH A	2	48.432	30.981	61.654	H
ATOM	2754	H2	HOH A	3	49.229	32.352	61.650	H
ATOM	2755	O	HOH A	1	8.537	31.268	17.179	O
ATOM	2756	H1	HOH A	2	7.725	30.826	17.503	H
ATOM	2757	H2	HOH A	3	8.518	32.199	17.485	H
ATOM	2758	O	HOH A	1	8.501	31.300	39.323	O
ATOM	2759	H1	HOH A	2	7.693	30.846	39.642	H
ATOM	2760	H2	HOH A	3	8.474	32.226	39.642	H
ATOM	2761	O	HOH A	1	8.516	31.349	61.427	O
ATOM	2762	H1	HOH A	2	7.704	30.903	61.748	H
ATOM	2763	H2	HOH A	3	8.494	32.278	61.737	H
ATOM	2764	O	HOH A	1	31.111	31.390	17.172	O
ATOM	2765	H1	HOH A	2	30.308	30.939	17.507	H
ATOM	2766	H2	HOH A	3	31.087	32.319	17.482	H
ATOM	2767	O	HOH A	1	31.132	31.268	39.306	O
ATOM	2768	H1	HOH A	2	30.325	30.819	39.634	H
ATOM	2769	H2	HOH A	3	31.112	32.195	39.621	H
ATOM	2770	O	HOH A	1	31.131	31.483	61.388	O
ATOM	2771	H1	HOH A	2	30.329	31.030	61.721	H
ATOM	2772	H2	HOH A	3	31.105	32.413	61.698	H
ATOM	2773	O	HOH A	1	53.733	31.349	17.112	O
ATOM	2774	H1	HOH A	2	52.919	30.907	17.432	H

ATOM	2775	H2	HOH A	3	53.718	32.276	17.430	H
ATOM	2776	O	HOH A	1	53.760	31.298	39.258	O
ATOM	2777	H1	HOH A	2	52.954	30.845	39.582	H
ATOM	2778	H2	HOH A	3	53.736	32.225	39.576	H
ATOM	2779	O	HOH A	1	53.726	31.454	61.366	O
ATOM	2780	H1	HOH A	2	52.919	31.005	61.693	H
ATOM	2781	H2	HOH A	3	53.699	32.386	61.670	H
ATOM	2782	O	HOH A	1	13.015	31.264	17.154	O
ATOM	2783	H1	HOH A	2	13.808	30.791	17.481	H
ATOM	2784	H2	HOH A	3	12.223	30.786	17.477	H
ATOM	2785	O	HOH A	1	12.994	31.282	39.294	O
ATOM	2786	H1	HOH A	2	13.785	30.803	39.618	H
ATOM	2787	H2	HOH A	3	12.199	30.807	39.616	H
ATOM	2788	O	HOH A	1	13.019	31.326	61.400	O
ATOM	2789	H1	HOH A	2	13.812	30.852	61.726	H
ATOM	2790	H2	HOH A	3	12.226	30.851	61.727	H
ATOM	2791	O	HOH A	1	35.613	31.393	17.143	O
ATOM	2792	H1	HOH A	2	36.407	30.917	17.466	H
ATOM	2793	H2	HOH A	3	34.821	30.913	17.464	H
ATOM	2794	O	HOH A	1	35.642	31.252	39.245	O
ATOM	2795	H1	HOH A	2	36.433	30.772	39.569	H
ATOM	2796	H2	HOH A	3	34.847	30.771	39.557	H
ATOM	2797	O	HOH A	1	35.616	31.484	61.335	O
ATOM	2798	H1	HOH A	2	36.409	31.006	61.656	H
ATOM	2799	H2	HOH A	3	34.824	31.006	61.658	H
ATOM	2800	O	HOH A	1	58.224	31.299	17.074	O
ATOM	2801	H1	HOH A	2	59.009	30.811	17.400	H
ATOM	2802	H2	HOH A	3	57.423	30.828	17.386	H
ATOM	2803	O	HOH A	1	58.225	31.291	39.228	O
ATOM	2804	H1	HOH A	2	59.020	30.821	39.556	H
ATOM	2805	H2	HOH A	3	57.434	30.807	39.546	H
ATOM	2806	O	HOH A	1	58.214	31.401	61.361	O
ATOM	2807	H1	HOH A	2	58.999	30.916	61.691	H
ATOM	2808	H2	HOH A	3	57.413	30.931	61.674	H
ATOM	2809	O	HOH A	1	17.568	31.274	17.176	O
ATOM	2810	H1	HOH A	2	18.356	30.794	17.506	H

ATOM	2811	H2	HOH A	3	16.770	30.805	17.499	H
ATOM	2812	O	HOH A	1	17.544	31.258	39.309	O
ATOM	2813	H1	HOH A	2	18.335	30.779	39.635	H
ATOM	2814	H2	HOH A	3	16.749	30.785	39.632	H
ATOM	2815	O	HOH A	1	17.578	31.337	61.399	O
ATOM	2816	H1	HOH A	2	18.370	30.861	61.725	H
ATOM	2817	H2	HOH A	3	16.784	30.859	61.720	H
ATOM	2818	O	HOH A	1	40.169	31.373	17.127	O
ATOM	2819	H1	HOH A	2	40.959	30.886	17.443	H
ATOM	2820	H2	HOH A	3	39.373	30.901	17.451	H
ATOM	2821	O	HOH A	1	40.205	31.222	39.248	O
ATOM	2822	H1	HOH A	2	40.997	30.743	39.570	H
ATOM	2823	H2	HOH A	3	39.411	30.747	39.572	H
ATOM	2824	O	HOH A	1	40.174	31.479	61.352	O
ATOM	2825	H1	HOH A	2	40.964	31.001	61.681	H
ATOM	2826	H2	HOH A	3	39.379	31.005	61.674	H
ATOM	2827	O	HOH A	1	62.771	31.250	17.094	O
ATOM	2828	H1	HOH A	2	63.557	30.766	17.421	H
ATOM	2829	H2	HOH A	3	61.972	30.783	17.416	H
ATOM	2830	O	HOH A	1	62.768	31.268	39.256	O
ATOM	2831	H1	HOH A	2	63.553	30.786	39.592	H
ATOM	2832	H2	HOH A	3	61.967	30.799	39.570	H
ATOM	2833	O	HOH A	1	62.759	31.345	61.383	O
ATOM	2834	H1	HOH A	2	63.546	30.862	61.711	H
ATOM	2835	H2	HOH A	3	61.961	30.876	61.705	H
ATOM	2836	O	HOH A	1	1.759	35.113	17.107	O
ATOM	2837	H1	HOH A	2	2.571	34.657	17.413	H
ATOM	2838	H2	HOH A	3	1.768	35.121	16.127	H
ATOM	2839	O	HOH A	1	1.714	35.152	39.272	O
ATOM	2840	H1	HOH A	2	2.515	34.685	39.589	H
ATOM	2841	H2	HOH A	3	1.735	35.158	38.292	H
ATOM	2842	O	HOH A	1	1.737	35.198	61.386	O
ATOM	2843	H1	HOH A	2	2.550	34.740	61.686	H
ATOM	2844	H2	HOH A	3	1.743	35.213	60.406	H
ATOM	2845	O	HOH A	1	24.334	35.203	17.176	O
ATOM	2846	H1	HOH A	2	25.149	34.748	17.475	H

ATOM	2847	H2	HOH A	3	24.338	35.216	16.196	H
ATOM	2848	O	HOH A	1	24.330	35.122	39.274	O
ATOM	2849	H1	HOH A	2	25.143	34.669	39.578	H
ATOM	2850	H2	HOH A	3	24.337	35.132	38.294	H
ATOM	2851	O	HOH A	1	24.339	35.286	61.379	O
ATOM	2852	H1	HOH A	2	25.149	34.835	61.696	H
ATOM	2853	H2	HOH A	3	24.353	35.281	60.399	H
ATOM	2854	O	HOH A	1	46.934	35.247	17.079	O
ATOM	2855	H1	HOH A	2	47.744	34.783	17.377	H
ATOM	2856	H2	HOH A	3	46.938	35.263	16.099	H
ATOM	2857	O	HOH A	1	46.977	35.129	39.199	O
ATOM	2858	H1	HOH A	2	47.789	34.673	39.506	H
ATOM	2859	H2	HOH A	3	46.986	35.136	38.219	H
ATOM	2860	O	HOH A	1	46.931	35.347	61.331	O
ATOM	2861	H1	HOH A	2	47.739	34.887	61.641	H
ATOM	2862	H2	HOH A	3	46.942	35.350	60.351	H
ATOM	2863	O	HOH A	1	6.283	35.133	17.091	O
ATOM	2864	H1	HOH A	2	6.270	36.059	17.413	H
ATOM	2865	H2	HOH A	3	6.276	35.153	16.111	H
ATOM	2866	O	HOH A	1	6.239	35.183	39.242	O
ATOM	2867	H1	HOH A	2	6.230	36.107	39.567	H
ATOM	2868	H2	HOH A	3	6.228	35.206	38.262	H
ATOM	2869	O	HOH A	1	6.256	35.221	61.349	O
ATOM	2870	H1	HOH A	2	6.254	36.146	61.672	H
ATOM	2871	H2	HOH A	3	6.236	35.241	60.370	H
ATOM	2872	O	HOH A	1	28.850	35.250	17.114	O
ATOM	2873	H1	HOH A	2	28.838	36.173	17.443	H
ATOM	2874	H2	HOH A	3	28.829	35.278	16.134	H
ATOM	2875	O	HOH A	1	28.870	35.138	39.228	O
ATOM	2876	H1	HOH A	2	28.856	36.062	39.554	H
ATOM	2877	H2	HOH A	3	28.864	35.163	38.248	H
ATOM	2878	O	HOH A	1	28.860	35.340	61.331	O
ATOM	2879	H1	HOH A	2	28.851	36.268	61.646	H
ATOM	2880	H2	HOH A	3	28.842	35.352	60.352	H
ATOM	2881	O	HOH A	1	51.471	35.229	17.020	O
ATOM	2882	H1	HOH A	2	51.457	36.150	17.353	H

ATOM	2883	H2	HOH A	3	51.459	35.261	16.041	H
ATOM	2884	O	HOH A	1	51.500	35.160	39.165	O
ATOM	2885	H1	HOH A	2	51.480	36.083	39.492	H
ATOM	2886	H2	HOH A	3	51.487	35.185	38.186	H
ATOM	2887	O	HOH A	1	51.457	35.350	61.290	O
ATOM	2888	H1	HOH A	2	51.447	36.275	61.613	H
ATOM	2889	H2	HOH A	3	51.444	35.371	60.310	H
ATOM	2890	O	HOH A	1	10.800	35.197	17.154	O
ATOM	2891	H1	HOH A	2	11.586	34.718	17.491	H
ATOM	2892	H2	HOH A	3	10.000	34.734	17.480	H
ATOM	2893	O	HOH A	1	10.751	35.216	39.283	O
ATOM	2894	H1	HOH A	2	11.542	34.740	39.611	H
ATOM	2895	H2	HOH A	3	9.957	34.756	39.625	H
ATOM	2896	O	HOH A	1	10.788	35.270	61.385	O
ATOM	2897	H1	HOH A	2	11.577	34.793	61.717	H
ATOM	2898	H2	HOH A	3	9.991	34.812	61.725	H
ATOM	2899	O	HOH A	1	33.372	35.323	17.133	O
ATOM	2900	H1	HOH A	2	34.163	34.845	17.459	H
ATOM	2901	H2	HOH A	3	32.578	34.860	17.471	H
ATOM	2902	O	HOH A	1	33.400	35.196	39.238	O
ATOM	2903	H1	HOH A	2	34.191	34.719	39.566	H
ATOM	2904	H2	HOH A	3	32.606	34.737	39.583	H
ATOM	2905	O	HOH A	1	33.381	35.418	61.365	O
ATOM	2906	H1	HOH A	2	34.171	34.940	61.694	H
ATOM	2907	H2	HOH A	3	32.585	34.961	61.709	H
ATOM	2908	O	HOH A	1	56.002	35.254	17.069	O
ATOM	2909	H1	HOH A	2	56.782	34.764	17.402	H
ATOM	2910	H2	HOH A	3	55.197	34.801	17.398	H
ATOM	2911	O	HOH A	1	56.007	35.233	39.214	O
ATOM	2912	H1	HOH A	2	56.796	34.755	39.545	H
ATOM	2913	H2	HOH A	3	55.211	34.775	39.554	H
ATOM	2914	O	HOH A	1	55.982	35.357	61.343	O
ATOM	2915	H1	HOH A	2	56.766	34.874	61.678	H
ATOM	2916	H2	HOH A	3	55.180	34.903	61.676	H
ATOM	2917	O	HOH A	1	15.277	35.157	17.167	O
ATOM	2918	H1	HOH A	2	16.082	34.700	17.489	H

ATOM	2919	H2	HOH A	3	15.289	35.136	16.187	H
ATOM	2920	O	HOH A	1	15.246	35.171	39.296	O
ATOM	2921	H1	HOH A	2	16.045	34.700	39.613	H
ATOM	2922	H2	HOH A	3	15.251	35.152	38.317	H
ATOM	2923	O	HOH A	1	15.274	35.226	61.378	O
ATOM	2924	H1	HOH A	2	16.083	34.772	61.695	H
ATOM	2925	H2	HOH A	3	15.281	35.209	60.399	H
ATOM	2926	O	HOH A	1	37.868	35.278	17.106	O
ATOM	2927	H1	HOH A	2	38.670	34.810	17.420	H
ATOM	2928	H2	HOH A	3	37.878	35.271	16.126	H
ATOM	2929	O	HOH A	1	37.905	35.143	39.227	O
ATOM	2930	H1	HOH A	2	38.706	34.677	39.545	H
ATOM	2931	H2	HOH A	3	37.913	35.125	38.247	H
ATOM	2932	O	HOH A	1	37.876	35.376	61.340	O
ATOM	2933	H1	HOH A	2	38.674	34.911	61.666	H
ATOM	2934	H2	HOH A	3	37.890	35.351	60.360	H
ATOM	2935	O	HOH A	1	60.490	35.164	17.077	O
ATOM	2936	H1	HOH A	2	61.292	34.702	17.401	H
ATOM	2937	H2	HOH A	3	60.501	35.138	16.098	H
ATOM	2938	O	HOH A	1	60.479	35.170	39.235	O
ATOM	2939	H1	HOH A	2	61.282	34.711	39.557	H
ATOM	2940	H2	HOH A	3	60.484	35.139	38.256	H
ATOM	2941	O	HOH A	1	60.475	35.272	61.351	O
ATOM	2942	H1	HOH A	2	61.270	34.797	61.673	H
ATOM	2943	H2	HOH A	3	60.486	35.250	60.371	H
ATOM	2944	O	HOH A	1	19.811	35.182	17.169	O
ATOM	2945	H1	HOH A	2	19.009	34.733	17.510	H
ATOM	2946	H2	HOH A	3	19.807	36.103	17.503	H
ATOM	2947	O	HOH A	1	19.790	35.147	39.260	O
ATOM	2948	H1	HOH A	2	18.991	34.696	39.603	H
ATOM	2949	H2	HOH A	3	19.787	36.067	39.598	H
ATOM	2950	O	HOH A	1	19.815	35.262	61.354	O
ATOM	2951	H1	HOH A	2	19.012	34.816	61.696	H
ATOM	2952	H2	HOH A	3	19.813	36.184	61.685	H
ATOM	2953	O	HOH A	1	42.413	35.269	17.063	O
ATOM	2954	H1	HOH A	2	41.611	34.821	17.405	H

ATOM	2955	H2	HOH A	3	42.413	36.189	17.399	H
ATOM	2956	O	HOH A	1	42.445	35.127	39.188	O
ATOM	2957	H1	HOH A	2	41.640	34.679	39.522	H
ATOM	2958	H2	HOH A	3	42.442	36.047	39.526	H
ATOM	2959	O	HOH A	1	42.397	35.380	61.301	O
ATOM	2960	H1	HOH A	2	41.592	34.941	61.648	H
ATOM	2961	H2	HOH A	3	42.410	36.300	61.638	H
ATOM	2962	O	HOH A	1	65.019	35.137	17.062	O
ATOM	2963	H1	HOH A	2	64.217	34.690	17.403	H
ATOM	2964	H2	HOH A	3	65.019	36.058	17.398	H
ATOM	2965	O	HOH A	1	64.997	35.162	39.222	O
ATOM	2966	H1	HOH A	2	64.194	34.718	39.567	H
ATOM	2967	H2	HOH A	3	65.007	36.080	39.565	H
ATOM	2968	O	HOH A	1	65.002	35.224	61.352	O
ATOM	2969	H1	HOH A	2	64.192	34.786	61.686	H
ATOM	2970	H2	HOH A	3	65.012	36.143	61.693	H
ATOM	2971	O	HOH A	1	22.066	39.103	17.154	O
ATOM	2972	H1	HOH A	2	22.879	38.639	17.444	H
ATOM	2973	H2	HOH A	3	22.063	39.126	16.174	H
ATOM	2974	O	HOH A	1	22.059	39.053	39.271	O
ATOM	2975	H1	HOH A	2	22.866	38.586	39.572	H
ATOM	2976	H2	HOH A	3	22.059	39.058	38.291	H
ATOM	2977	O	HOH A	1	22.078	39.185	61.363	O
ATOM	2978	H1	HOH A	2	22.887	38.721	61.666	H
ATOM	2979	H2	HOH A	3	22.078	39.186	60.383	H
ATOM	2980	O	HOH A	1	44.668	39.164	17.086	O
ATOM	2981	H1	HOH A	2	45.478	38.699	17.383	H
ATOM	2982	H2	HOH A	3	44.671	39.180	16.106	H
ATOM	2983	O	HOH A	1	44.708	39.040	39.194	O
ATOM	2984	H1	HOH A	2	45.516	38.573	39.494	H
ATOM	2985	H2	HOH A	3	44.710	39.049	38.214	H
ATOM	2986	O	HOH A	1	44.683	39.272	61.309	O
ATOM	2987	H1	HOH A	2	45.491	38.810	61.616	H
ATOM	2988	H2	HOH A	3	44.689	39.272	60.329	H
ATOM	2989	O	HOH A	1	67.288	39.037	17.098	O
ATOM	2990	H1	HOH A	2	68.090	38.566	17.408	H

ATOM	2991	H2	HOH A	3	67.305	39.052	16.118	H
ATOM	2992	O	HOH A	1	67.265	39.078	39.254	O
ATOM	2993	H1	HOH A	2	68.073	38.611	39.554	H
ATOM	2994	H2	HOH A	3	67.262	39.079	38.274	H
ATOM	2995	O	HOH A	1	67.274	39.133	61.393	O
ATOM	2996	H1	HOH A	2	68.083	38.669	61.693	H
ATOM	2997	H2	HOH A	3	67.271	39.133	60.413	H
ATOM	2998	O	HOH A	1	4.009	39.019	17.151	O
ATOM	2999	H1	HOH A	2	4.007	39.945	17.471	H
ATOM	3000	H2	HOH A	3	4.021	39.038	16.171	H
ATOM	3001	O	HOH A	1	3.976	39.077	39.286	O
ATOM	3002	H1	HOH A	2	3.979	40.001	39.613	H
ATOM	3003	H2	HOH A	3	3.992	39.102	38.306	H
ATOM	3004	O	HOH A	1	3.989	39.103	61.406	O
ATOM	3005	H1	HOH A	2	3.982	40.028	61.729	H
ATOM	3006	H2	HOH A	3	4.006	39.124	60.426	H
ATOM	3007	O	HOH A	1	26.588	39.142	17.178	O
ATOM	3008	H1	HOH A	2	26.587	40.067	17.502	H
ATOM	3009	H2	HOH A	3	26.597	39.165	16.198	H
ATOM	3010	O	HOH A	1	26.601	39.037	39.289	O
ATOM	3011	H1	HOH A	2	26.598	39.962	39.610	H
ATOM	3012	H2	HOH A	3	26.621	39.056	38.309	H
ATOM	3013	O	HOH A	1	26.603	39.212	61.395	O
ATOM	3014	H1	HOH A	2	26.595	40.139	61.715	H
ATOM	3015	H2	HOH A	3	26.618	39.231	60.415	H
ATOM	3016	O	HOH A	1	49.207	39.132	17.085	O
ATOM	3017	H1	HOH A	2	49.207	40.055	17.413	H
ATOM	3018	H2	HOH A	3	49.214	39.158	16.105	H
ATOM	3019	O	HOH A	1	49.241	39.047	39.226	O
ATOM	3020	H1	HOH A	2	49.239	39.973	39.547	H
ATOM	3021	H2	HOH A	3	49.257	39.067	38.246	H
ATOM	3022	O	HOH A	1	49.194	39.261	61.339	O
ATOM	3023	H1	HOH A	2	49.190	40.189	61.656	H
ATOM	3024	H2	HOH A	3	49.212	39.277	60.359	H
ATOM	3025	O	HOH A	1	8.523	39.061	17.141	O
ATOM	3026	H1	HOH A	2	9.330	38.616	17.475	H

ATOM	3027	H2	HOH A	3	8.523	39.981	17.478	H
ATOM	3028	O	HOH A	1	8.477	39.103	39.275	O
ATOM	3029	H1	HOH A	2	9.283	38.656	39.607	H
ATOM	3030	H2	HOH A	3	8.477	40.021	39.618	H
ATOM	3031	O	HOH A	1	8.513	39.132	61.389	O
ATOM	3032	H1	HOH A	2	9.318	38.684	61.723	H
ATOM	3033	H2	HOH A	3	8.514	40.050	61.731	H
ATOM	3034	O	HOH A	1	31.097	39.179	17.140	O
ATOM	3035	H1	HOH A	2	31.906	38.732	17.467	H
ATOM	3036	H2	HOH A	3	31.101	40.098	17.479	H
ATOM	3037	O	HOH A	1	31.130	39.054	39.260	O
ATOM	3038	H1	HOH A	2	31.941	38.612	39.587	H
ATOM	3039	H2	HOH A	3	31.130	39.975	39.596	H
ATOM	3040	O	HOH A	1	31.125	39.270	61.358	O
ATOM	3041	H1	HOH A	2	31.933	38.828	61.693	H
ATOM	3042	H2	HOH A	3	31.121	40.190	61.695	H
ATOM	3043	O	HOH A	1	53.735	39.133	17.066	O
ATOM	3044	H1	HOH A	2	54.541	38.680	17.393	H
ATOM	3045	H2	HOH A	3	53.741	40.049	17.412	H
ATOM	3046	O	HOH A	1	53.740	39.093	39.196	O
ATOM	3047	H1	HOH A	2	54.550	38.649	39.522	H
ATOM	3048	H2	HOH A	3	53.744	40.014	39.531	H
ATOM	3049	O	HOH A	1	53.724	39.253	61.340	O
ATOM	3050	H1	HOH A	2	54.532	38.809	61.670	H
ATOM	3051	H2	HOH A	3	53.729	40.176	61.670	H
ATOM	3052	O	HOH A	1	13.040	39.072	17.146	O
ATOM	3053	H1	HOH A	2	13.837	38.612	17.482	H
ATOM	3054	H2	HOH A	3	13.060	39.994	17.478	H
ATOM	3055	O	HOH A	1	13.014	39.083	39.288	O
ATOM	3056	H1	HOH A	2	13.815	38.629	39.625	H
ATOM	3057	H2	HOH A	3	13.025	40.005	39.621	H
ATOM	3058	O	HOH A	1	13.030	39.148	61.368	O
ATOM	3059	H1	HOH A	2	13.828	38.693	61.709	H
ATOM	3060	H2	HOH A	3	13.043	40.070	61.699	H
ATOM	3061	O	HOH A	1	35.631	39.199	17.123	O
ATOM	3062	H1	HOH A	2	36.434	38.743	17.449	H

ATOM	3063	H2	HOH A	3	35.649	40.120	17.458	H
ATOM	3064	O	HOH A	1	35.672	39.059	39.217	O
ATOM	3065	H1	HOH A	2	36.470	38.601	39.556	H
ATOM	3066	H2	HOH A	3	35.687	39.980	39.551	H
ATOM	3067	O	HOH A	1	35.648	39.294	61.335	O
ATOM	3068	H1	HOH A	2	36.450	38.839	61.667	H
ATOM	3069	H2	HOH A	3	35.660	40.214	61.673	H
ATOM	3070	O	HOH A	1	58.251	39.111	17.041	O
ATOM	3071	H1	HOH A	2	59.048	38.655	17.384	H
ATOM	3072	H2	HOH A	3	58.262	40.032	17.375	H
ATOM	3073	O	HOH A	1	58.262	39.109	39.204	O
ATOM	3074	H1	HOH A	2	59.055	38.642	39.542	H
ATOM	3075	H2	HOH A	3	58.287	40.029	39.540	H
ATOM	3076	O	HOH A	1	58.262	39.217	61.335	O
ATOM	3077	H1	HOH A	2	59.062	38.762	61.672	H
ATOM	3078	H2	HOH A	3	58.276	40.139	61.665	H
ATOM	3079	O	HOH A	1	17.559	39.069	17.164	O
ATOM	3080	H1	HOH A	2	16.756	38.604	17.482	H
ATOM	3081	H2	HOH A	3	17.537	39.075	16.185	H
ATOM	3082	O	HOH A	1	17.556	39.068	39.296	O
ATOM	3083	H1	HOH A	2	16.749	38.615	39.618	H
ATOM	3084	H2	HOH A	3	17.536	39.061	38.316	H
ATOM	3085	O	HOH A	1	17.558	39.134	61.390	O
ATOM	3086	H1	HOH A	2	16.749	38.675	61.700	H
ATOM	3087	H2	HOH A	3	17.556	39.124	60.411	H
ATOM	3088	O	HOH A	1	40.170	39.180	17.113	O
ATOM	3089	H1	HOH A	2	39.362	38.724	17.430	H
ATOM	3090	H2	HOH A	3	40.154	39.178	16.133	H
ATOM	3091	O	HOH A	1	40.212	39.026	39.231	O
ATOM	3092	H1	HOH A	2	39.403	38.571	39.545	H
ATOM	3093	H2	HOH A	3	40.202	39.020	38.251	H
ATOM	3094	O	HOH A	1	40.185	39.284	61.346	O
ATOM	3095	H1	HOH A	2	39.378	38.830	61.667	H
ATOM	3096	H2	HOH A	3	40.174	39.264	60.367	H
ATOM	3097	O	HOH A	1	62.794	39.060	17.092	O
ATOM	3098	H1	HOH A	2	61.982	38.610	17.405	H

ATOM	3099	H2	HOH A	3	62.782	39.061	16.112	H
ATOM	3100	O	HOH A	1	62.778	39.076	39.244	O
ATOM	3101	H1	HOH A	2	61.972	38.616	39.561	H
ATOM	3102	H2	HOH A	3	62.765	39.068	38.264	H
ATOM	3103	O	HOH A	1	62.798	39.152	61.377	O
ATOM	3104	H1	HOH A	2	61.987	38.699	61.689	H
ATOM	3105	H2	HOH A	3	62.789	39.148	60.397	H
ATOM	3106	O	HOH A	1	1.748	42.954	17.110	O
ATOM	3107	H1	HOH A	2	0.945	42.491	17.429	H
ATOM	3108	H2	HOH A	3	1.728	42.955	16.130	H
ATOM	3109	O	HOH A	1	1.730	42.981	39.247	O
ATOM	3110	H1	HOH A	2	0.928	42.516	39.565	H
ATOM	3111	H2	HOH A	3	1.712	42.981	38.267	H
ATOM	3112	O	HOH A	1	1.728	43.045	61.376	O
ATOM	3113	H1	HOH A	2	0.921	42.592	61.698	H
ATOM	3114	H2	HOH A	3	1.709	43.037	60.396	H
ATOM	3115	O	HOH A	1	24.324	43.042	17.135	O
ATOM	3116	H1	HOH A	2	23.530	42.564	17.455	H
ATOM	3117	H2	HOH A	3	24.297	43.050	16.155	H
ATOM	3118	O	HOH A	1	24.330	42.972	39.238	O
ATOM	3119	H1	HOH A	2	23.528	42.511	39.560	H
ATOM	3120	H2	HOH A	3	24.308	42.970	38.259	H
ATOM	3121	O	HOH A	1	24.344	43.121	61.351	O
ATOM	3122	H1	HOH A	2	23.547	42.656	61.679	H
ATOM	3123	H2	HOH A	3	24.320	43.111	60.372	H
ATOM	3124	O	HOH A	1	46.941	43.074	17.056	O
ATOM	3125	H1	HOH A	2	46.134	42.619	17.374	H
ATOM	3126	H2	HOH A	3	46.925	43.071	16.077	H
ATOM	3127	O	HOH A	1	46.972	42.958	39.182	O
ATOM	3128	H1	HOH A	2	46.167	42.501	39.502	H
ATOM	3129	H2	HOH A	3	46.951	42.959	38.202	H
ATOM	3130	O	HOH A	1	46.939	43.181	61.311	O
ATOM	3131	H1	HOH A	2	46.139	42.716	61.634	H
ATOM	3132	H2	HOH A	3	46.924	43.166	60.332	H
ATOM	3133	O	HOH A	1	6.247	42.972	17.142	O
ATOM	3134	H1	HOH A	2	5.445	42.510	17.463	H

ATOM	3135	H2	HOH A	3	6.234	42.955	16.162	H
ATOM	3136	O	HOH A	1	6.216	43.029	39.292	O
ATOM	3137	H1	HOH A	2	5.419	42.557	39.613	H
ATOM	3138	H2	HOH A	3	6.202	43.016	38.312	H
ATOM	3139	O	HOH A	1	6.220	43.043	61.398	O
ATOM	3140	H1	HOH A	2	5.419	42.577	61.717	H
ATOM	3141	H2	HOH A	3	6.204	43.038	60.418	H
ATOM	3142	O	HOH A	1	28.827	43.115	17.162	O
ATOM	3143	H1	HOH A	2	28.031	42.645	17.487	H
ATOM	3144	H2	HOH A	3	28.807	43.104	16.183	H
ATOM	3145	O	HOH A	1	28.831	42.985	39.261	O
ATOM	3146	H1	HOH A	2	28.026	42.523	39.576	H
ATOM	3147	H2	HOH A	3	28.821	42.978	38.282	H
ATOM	3148	O	HOH A	1	28.840	43.177	61.370	O
ATOM	3149	H1	HOH A	2	28.046	42.704	61.695	H
ATOM	3150	H2	HOH A	3	28.823	43.161	60.390	H
ATOM	3151	O	HOH A	1	51.453	43.076	17.073	O
ATOM	3152	H1	HOH A	2	50.653	42.609	17.391	H
ATOM	3153	H2	HOH A	3	51.439	43.070	16.093	H
ATOM	3154	O	HOH A	1	51.471	43.012	39.213	O
ATOM	3155	H1	HOH A	2	50.672	42.541	39.533	H
ATOM	3156	H2	HOH A	3	51.459	42.995	38.233	H
ATOM	3157	O	HOH A	1	51.434	43.194	61.351	O
ATOM	3158	H1	HOH A	2	50.634	42.726	61.669	H
ATOM	3159	H2	HOH A	3	51.425	43.177	60.371	H
ATOM	3160	O	HOH A	1	10.770	42.966	17.178	O
ATOM	3161	H1	HOH A	2	10.757	43.898	17.483	H
ATOM	3162	H2	HOH A	3	10.771	42.968	16.198	H
ATOM	3163	O	HOH A	1	10.743	42.991	39.314	O
ATOM	3164	H1	HOH A	2	10.742	43.921	39.622	H
ATOM	3165	H2	HOH A	3	10.736	42.996	38.334	H
ATOM	3166	O	HOH A	1	10.762	43.041	61.416	O
ATOM	3167	H1	HOH A	2	10.765	43.970	61.726	H
ATOM	3168	H2	HOH A	3	10.761	43.048	60.436	H
ATOM	3169	O	HOH A	1	33.352	43.091	17.165	O
ATOM	3170	H1	HOH A	2	33.348	44.018	17.484	H

ATOM	3171	H2	HOH A	3	33.345	43.109	16.185	H
ATOM	3172	O	HOH A	1	33.365	42.954	39.281	O
ATOM	3173	H1	HOH A	2	33.360	43.885	39.585	H
ATOM	3174	H2	HOH A	3	33.364	42.955	38.301	H
ATOM	3175	O	HOH A	1	33.376	43.189	61.386	O
ATOM	3176	H1	HOH A	2	33.375	44.121	61.689	H
ATOM	3177	H2	HOH A	3	33.371	43.188	60.406	H
ATOM	3178	O	HOH A	1	55.976	43.028	17.100	O
ATOM	3179	H1	HOH A	2	55.978	43.957	17.410	H
ATOM	3180	H2	HOH A	3	55.977	43.036	16.120	H
ATOM	3181	O	HOH A	1	55.988	42.999	39.238	O
ATOM	3182	H1	HOH A	2	55.997	43.928	39.548	H
ATOM	3183	H2	HOH A	3	55.985	43.006	38.258	H
ATOM	3184	O	HOH A	1	55.968	43.127	61.365	O
ATOM	3185	H1	HOH A	2	55.968	44.055	61.680	H
ATOM	3186	H2	HOH A	3	55.970	43.140	60.385	H
ATOM	3187	O	HOH A	1	15.288	42.993	17.169	O
ATOM	3188	H1	HOH A	2	16.088	42.528	17.491	H
ATOM	3189	H2	HOH A	3	15.302	42.979	16.189	H
ATOM	3190	O	HOH A	1	15.264	42.979	39.328	O
ATOM	3191	H1	HOH A	2	16.071	42.518	39.640	H
ATOM	3192	H2	HOH A	3	15.268	42.968	38.348	H
ATOM	3193	O	HOH A	1	15.282	43.045	61.406	O
ATOM	3194	H1	HOH A	2	16.083	42.578	61.723	H
ATOM	3195	H2	HOH A	3	15.291	43.031	60.427	H
ATOM	3196	O	HOH A	1	37.880	43.094	17.137	O
ATOM	3197	H1	HOH A	2	38.685	42.630	17.449	H
ATOM	3198	H2	HOH A	3	37.889	43.091	16.157	H
ATOM	3199	O	HOH A	1	37.904	42.957	39.244	O
ATOM	3200	H1	HOH A	2	38.705	42.489	39.563	H
ATOM	3201	H2	HOH A	3	37.917	42.944	38.264	H
ATOM	3202	O	HOH A	1	37.881	43.196	61.364	O
ATOM	3203	H1	HOH A	2	38.686	42.739	61.685	H
ATOM	3204	H2	HOH A	3	37.892	43.177	60.384	H
ATOM	3205	O	HOH A	1	60.491	42.995	17.100	O
ATOM	3206	H1	HOH A	2	61.293	42.527	17.414	H

ATOM	3207	H2	HOH A	3	60.501	42.989	16.120	H
ATOM	3208	O	HOH A	1	60.499	43.008	39.240	O
ATOM	3209	H1	HOH A	2	61.300	42.538	39.554	H
ATOM	3210	H2	HOH A	3	60.507	42.998	38.261	H
ATOM	3211	O	HOH A	1	60.487	43.095	61.389	O
ATOM	3212	H1	HOH A	2	61.289	42.627	61.702	H
ATOM	3213	H2	HOH A	3	60.492	43.083	60.409	H
ATOM	3214	O	HOH A	1	19.797	42.996	17.167	O
ATOM	3215	H1	HOH A	2	18.996	42.531	17.488	H
ATOM	3216	H2	HOH A	3	19.771	43.004	16.188	H
ATOM	3217	O	HOH A	1	19.802	42.975	39.290	O
ATOM	3218	H1	HOH A	2	19.004	42.506	39.614	H
ATOM	3219	H2	HOH A	3	19.771	42.983	38.311	H
ATOM	3220	O	HOH A	1	19.803	43.080	61.388	O
ATOM	3221	H1	HOH A	2	19.008	42.609	61.714	H
ATOM	3222	H2	HOH A	3	19.775	43.080	60.408	H
ATOM	3223	O	HOH A	1	42.404	43.096	17.113	O
ATOM	3224	H1	HOH A	2	41.603	42.629	17.429	H
ATOM	3225	H2	HOH A	3	42.381	43.108	16.133	H
ATOM	3226	O	HOH A	1	42.439	42.954	39.220	O
ATOM	3227	H1	HOH A	2	41.638	42.488	39.540	H
ATOM	3228	H2	HOH A	3	42.420	42.948	38.240	H
ATOM	3229	O	HOH A	1	42.418	43.190	61.337	O
ATOM	3230	H1	HOH A	2	41.616	42.731	61.664	H
ATOM	3231	H2	HOH A	3	42.392	43.185	60.358	H
ATOM	3232	O	HOH A	1	65.024	42.960	17.116	O
ATOM	3233	H1	HOH A	2	64.220	42.499	17.436	H
ATOM	3234	H2	HOH A	3	65.002	42.963	16.136	H
ATOM	3235	O	HOH A	1	65.014	42.990	39.256	O
ATOM	3236	H1	HOH A	2	64.214	42.528	39.583	H
ATOM	3237	H2	HOH A	3	64.988	42.984	38.276	H
ATOM	3238	O	HOH A	1	65.008	43.060	61.390	O
ATOM	3239	H1	HOH A	2	64.205	42.601	61.712	H
ATOM	3240	H2	HOH A	3	64.988	43.056	60.410	H
ATOM	3241	O	HOH A	1	22.073	46.954	14.388	O
ATOM	3242	H1	HOH A	2	21.268	46.495	14.068	H

ATOM	3243	H2	HOH A	3	22.055	46.949	15.368	H
ATOM	3244	O	HOH A	1	22.068	46.881	36.514	O
ATOM	3245	H1	HOH A	2	21.258	46.432	36.194	H
ATOM	3246	H2	HOH A	3	22.048	46.881	37.493	H
ATOM	3247	O	HOH A	1	22.079	47.003	58.603	O
ATOM	3248	H1	HOH A	2	21.272	46.542	58.289	H
ATOM	3249	H2	HOH A	3	22.064	47.007	59.583	H
ATOM	3250	O	HOH A	1	44.680	47.036	14.318	O
ATOM	3251	H1	HOH A	2	43.867	46.591	13.999	H
ATOM	3252	H2	HOH A	3	44.668	47.024	15.297	H
ATOM	3253	O	HOH A	1	44.713	46.869	36.441	O
ATOM	3254	H1	HOH A	2	43.901	46.414	36.135	H
ATOM	3255	H2	HOH A	3	44.703	46.879	37.421	H
ATOM	3256	O	HOH A	1	44.676	47.078	58.568	O
ATOM	3257	H1	HOH A	2	43.863	46.626	58.257	H
ATOM	3258	H2	HOH A	3	44.664	47.084	59.548	H
ATOM	3259	O	HOH A	1	67.289	46.878	14.338	O
ATOM	3260	H1	HOH A	2	66.473	46.434	14.025	H
ATOM	3261	H2	HOH A	3	67.276	46.881	15.317	H
ATOM	3262	O	HOH A	1	67.266	46.903	36.491	O
ATOM	3263	H1	HOH A	2	66.454	46.456	36.173	H
ATOM	3264	H2	HOH A	3	67.250	46.900	37.470	H
ATOM	3265	O	HOH A	1	67.277	46.978	58.618	O
ATOM	3266	H1	HOH A	2	66.470	46.523	58.296	H
ATOM	3267	H2	HOH A	3	67.257	46.973	59.597	H
ATOM	3268	O	HOH A	1	3.998	46.875	14.353	O
ATOM	3269	H1	HOH A	2	3.195	46.408	14.042	H
ATOM	3270	H2	HOH A	3	3.986	46.879	15.333	H
ATOM	3271	O	HOH A	1	3.977	46.929	36.516	O
ATOM	3272	H1	HOH A	2	3.173	46.466	36.200	H
ATOM	3273	H2	HOH A	3	3.966	46.922	37.496	H
ATOM	3274	O	HOH A	1	3.987	46.980	58.624	O
ATOM	3275	H1	HOH A	2	3.181	46.521	58.308	H
ATOM	3276	H2	HOH A	3	3.972	46.976	59.604	H
ATOM	3277	O	HOH A	1	26.571	47.020	14.386	O
ATOM	3278	H1	HOH A	2	25.772	46.554	14.062	H

ATOM	3279	H2	HOH A	3	26.554	47.006	15.365	H
ATOM	3280	O	HOH A	1	26.591	46.911	36.499	O
ATOM	3281	H1	HOH A	2	25.785	46.448	36.188	H
ATOM	3282	H2	HOH A	3	26.585	46.904	37.479	H
ATOM	3283	O	HOH A	1	26.592	47.056	58.596	O
ATOM	3284	H1	HOH A	2	25.791	46.586	58.285	H
ATOM	3285	H2	HOH A	3	26.583	47.054	59.576	H
ATOM	3286	O	HOH A	1	49.192	47.021	14.300	O
ATOM	3287	H1	HOH A	2	48.389	46.554	13.986	H
ATOM	3288	H2	HOH A	3	49.183	47.012	15.280	H
ATOM	3289	O	HOH A	1	49.221	46.902	36.437	O
ATOM	3290	H1	HOH A	2	48.416	46.439	36.122	H
ATOM	3291	H2	HOH A	3	49.212	46.893	37.417	H
ATOM	3292	O	HOH A	1	49.188	47.082	58.568	O
ATOM	3293	H1	HOH A	2	48.381	46.625	58.252	H
ATOM	3294	H2	HOH A	3	49.176	47.076	59.548	H
ATOM	3295	O	HOH A	1	8.511	46.862	14.384	O
ATOM	3296	H1	HOH A	2	9.301	46.387	14.052	H
ATOM	3297	H2	HOH A	3	7.715	46.400	14.046	H
ATOM	3298	O	HOH A	1	8.497	46.902	36.539	O
ATOM	3299	H1	HOH A	2	9.290	46.430	36.208	H
ATOM	3300	H2	HOH A	3	7.704	46.438	36.197	H
ATOM	3301	O	HOH A	1	8.504	46.946	58.651	O
ATOM	3302	H1	HOH A	2	9.298	46.478	58.317	H
ATOM	3303	H2	HOH A	3	7.712	46.481	58.308	H
ATOM	3304	O	HOH A	1	31.103	47.030	14.388	O
ATOM	3305	H1	HOH A	2	31.891	46.564	14.038	H
ATOM	3306	H2	HOH A	3	30.305	46.576	14.046	H
ATOM	3307	O	HOH A	1	31.113	46.877	36.496	O
ATOM	3308	H1	HOH A	2	31.906	46.408	36.161	H
ATOM	3309	H2	HOH A	3	30.320	46.413	36.155	H
ATOM	3310	O	HOH A	1	31.112	47.055	58.601	O
ATOM	3311	H1	HOH A	2	31.905	46.588	58.264	H
ATOM	3312	H2	HOH A	3	30.320	46.588	58.262	H
ATOM	3313	O	HOH A	1	53.721	46.961	14.316	O
ATOM	3314	H1	HOH A	2	54.501	46.472	13.982	H

ATOM	3315	H2	HOH A	3	52.916	46.512	13.982	H
ATOM	3316	O	HOH A	1	53.732	46.883	36.456	O
ATOM	3317	H1	HOH A	2	54.523	46.415	36.114	H
ATOM	3318	H2	HOH A	3	52.937	46.424	36.111	H
ATOM	3319	O	HOH A	1	53.704	47.044	58.587	O
ATOM	3320	H1	HOH A	2	54.492	46.570	58.248	H
ATOM	3321	H2	HOH A	3	52.906	46.583	58.255	H
ATOM	3322	O	HOH A	1	13.018	46.868	14.380	O
ATOM	3323	H1	HOH A	2	12.218	46.396	14.068	H
ATOM	3324	H2	HOH A	3	13.002	46.874	15.360	H
ATOM	3325	O	HOH A	1	13.012	46.887	36.526	O
ATOM	3326	H1	HOH A	2	12.210	46.420	36.211	H
ATOM	3327	H2	HOH A	3	12.996	46.887	37.506	H
ATOM	3328	O	HOH A	1	13.022	46.948	58.626	O
ATOM	3329	H1	HOH A	2	12.225	46.472	58.313	H
ATOM	3330	H2	HOH A	3	13.010	46.948	59.606	H
ATOM	3331	O	HOH A	1	35.618	47.032	14.352	O
ATOM	3332	H1	HOH A	2	34.816	46.566	14.035	H
ATOM	3333	H2	HOH A	3	35.609	47.019	15.331	H
ATOM	3334	O	HOH A	1	35.655	46.859	36.471	O
ATOM	3335	H1	HOH A	2	34.853	46.390	36.160	H
ATOM	3336	H2	HOH A	3	35.645	46.861	37.451	H
ATOM	3337	O	HOH A	1	35.627	47.078	58.576	O
ATOM	3338	H1	HOH A	2	34.829	46.605	58.260	H
ATOM	3339	H2	HOH A	3	35.609	47.079	59.556	H
ATOM	3340	O	HOH A	1	58.233	46.920	14.298	O
ATOM	3341	H1	HOH A	2	57.430	46.452	13.989	H
ATOM	3342	H2	HOH A	3	58.225	46.920	15.278	H
ATOM	3343	O	HOH A	1	58.240	46.909	36.446	O
ATOM	3344	H1	HOH A	2	57.440	46.440	36.128	H
ATOM	3345	H2	HOH A	3	58.223	46.907	37.425	H
ATOM	3346	O	HOH A	1	58.224	47.010	58.579	O
ATOM	3347	H1	HOH A	2	57.421	46.542	58.268	H
ATOM	3348	H2	HOH A	3	58.211	47.016	59.559	H
ATOM	3349	O	HOH A	1	17.541	46.886	14.390	O
ATOM	3350	H1	HOH A	2	17.536	47.818	14.085	H

ATOM	3351	H2	HOH A	3	17.542	46.889	15.370	H
ATOM	3352	O	HOH A	1	17.520	46.871	36.539	O
ATOM	3353	H1	HOH A	2	17.522	47.804	36.238	H
ATOM	3354	H2	HOH A	3	17.522	46.869	37.519	H
ATOM	3355	O	HOH A	1	17.543	46.946	58.627	O
ATOM	3356	H1	HOH A	2	17.542	47.878	58.323	H
ATOM	3357	H2	HOH A	3	17.543	46.947	59.607	H
ATOM	3358	O	HOH A	1	40.148	47.037	14.362	O
ATOM	3359	H1	HOH A	2	40.152	47.970	14.063	H
ATOM	3360	H2	HOH A	3	40.148	47.033	15.342	H
ATOM	3361	O	HOH A	1	40.174	46.842	36.479	O
ATOM	3362	H1	HOH A	2	40.166	47.773	36.175	H
ATOM	3363	H2	HOH A	3	40.174	46.844	37.459	H
ATOM	3364	O	HOH A	1	40.146	47.069	58.587	O
ATOM	3365	H1	HOH A	2	40.147	48.000	58.282	H
ATOM	3366	H2	HOH A	3	40.147	47.071	59.567	H
ATOM	3367	O	HOH A	1	62.748	46.881	14.349	O
ATOM	3368	H1	HOH A	2	62.744	47.812	14.042	H
ATOM	3369	H2	HOH A	3	62.747	46.886	15.329	H
ATOM	3370	O	HOH A	1	62.741	46.886	36.485	O
ATOM	3371	H1	HOH A	2	62.737	47.817	36.180	H
ATOM	3372	H2	HOH A	3	62.741	46.889	37.465	H
ATOM	3373	O	HOH A	1	62.747	46.958	58.625	O
ATOM	3374	H1	HOH A	2	62.749	47.888	58.318	H
ATOM	3375	H2	HOH A	3	62.741	46.963	59.605	H
ATOM	3376	O	HOH A	1	1.744	27.316	14.326	O
ATOM	3377	H1	HOH A	2	2.538	26.842	14.002	H
ATOM	3378	H2	HOH A	3	1.763	27.304	15.306	H
ATOM	3379	O	HOH A	1	1.704	27.357	36.490	O
ATOM	3380	H1	HOH A	2	2.501	26.887	36.167	H
ATOM	3381	H2	HOH A	3	1.718	27.340	37.470	H
ATOM	3382	O	HOH A	1	1.733	27.408	58.604	O
ATOM	3383	H1	HOH A	2	2.528	26.940	58.275	H
ATOM	3384	H2	HOH A	3	1.751	27.386	59.583	H
ATOM	3385	O	HOH A	1	24.323	27.434	14.379	O
ATOM	3386	H1	HOH A	2	25.128	26.974	14.063	H

ATOM	3387	H2	HOH A	3	24.330	27.419	15.359	H
ATOM	3388	O	HOH A	1	24.323	27.328	36.499	O
ATOM	3389	H1	HOH A	2	25.123	26.861	36.178	H
ATOM	3390	H2	HOH A	3	24.337	27.316	37.479	H
ATOM	3391	O	HOH A	1	24.317	27.469	58.596	O
ATOM	3392	H1	HOH A	2	25.118	27.008	58.271	H
ATOM	3393	H2	HOH A	3	24.336	27.452	59.576	H
ATOM	3394	O	HOH A	1	46.927	27.484	14.296	O
ATOM	3395	H1	HOH A	2	47.720	27.010	13.969	H
ATOM	3396	H2	HOH A	3	46.945	27.464	15.275	H
ATOM	3397	O	HOH A	1	46.960	27.327	36.429	O
ATOM	3398	H1	HOH A	2	47.759	26.860	36.106	H
ATOM	3399	H2	HOH A	3	46.977	27.314	37.408	H
ATOM	3400	O	HOH A	1	46.920	27.517	58.558	O
ATOM	3401	H1	HOH A	2	47.719	27.047	58.237	H
ATOM	3402	H2	HOH A	3	46.936	27.507	59.537	H
ATOM	3403	O	HOH A	1	6.268	27.290	14.389	O
ATOM	3404	H1	HOH A	2	7.061	26.816	14.062	H
ATOM	3405	H2	HOH A	3	5.475	26.827	14.045	H
ATOM	3406	O	HOH A	1	6.243	27.324	36.542	O
ATOM	3407	H1	HOH A	2	7.037	26.851	36.215	H
ATOM	3408	H2	HOH A	3	5.451	26.862	36.196	H
ATOM	3409	O	HOH A	1	6.261	27.385	58.656	O
ATOM	3410	H1	HOH A	2	7.057	26.919	58.326	H
ATOM	3411	H2	HOH A	3	5.472	26.920	58.307	H
ATOM	3412	O	HOH A	1	28.857	27.438	14.414	O
ATOM	3413	H1	HOH A	2	29.656	26.976	14.085	H
ATOM	3414	H2	HOH A	3	28.071	26.967	14.067	H
ATOM	3415	O	HOH A	1	28.874	27.303	36.526	O
ATOM	3416	H1	HOH A	2	29.672	26.837	36.198	H
ATOM	3417	H2	HOH A	3	28.086	26.836	36.177	H
ATOM	3418	O	HOH A	1	28.871	27.476	58.614	O
ATOM	3419	H1	HOH A	2	29.666	27.004	58.291	H
ATOM	3420	H2	HOH A	3	28.081	27.008	58.271	H
ATOM	3421	O	HOH A	1	51.472	27.403	14.318	O
ATOM	3422	H1	HOH A	2	52.263	26.926	13.991	H

ATOM	3423	H2	HOH A	3	50.677	26.945	13.975	H
ATOM	3424	O	HOH A	1	51.492	27.315	36.468	O
ATOM	3425	H1	HOH A	2	52.288	26.841	36.148	H
ATOM	3426	H2	HOH A	3	50.702	26.850	36.120	H
ATOM	3427	O	HOH A	1	51.467	27.485	58.612	O
ATOM	3428	H1	HOH A	2	52.260	27.011	58.287	H
ATOM	3429	H2	HOH A	3	50.675	27.019	58.273	H
ATOM	3430	O	HOH A	1	10.755	27.314	14.392	O
ATOM	3431	H1	HOH A	2	11.557	26.857	14.061	H
ATOM	3432	H2	HOH A	3	10.774	28.236	14.060	H
ATOM	3433	O	HOH A	1	10.724	27.351	36.545	O
ATOM	3434	H1	HOH A	2	11.530	26.891	36.230	H
ATOM	3435	H2	HOH A	3	10.745	28.268	36.200	H
ATOM	3436	O	HOH A	1	10.746	27.401	58.652	O
ATOM	3437	H1	HOH A	2	11.550	26.945	58.324	H
ATOM	3438	H2	HOH A	3	10.763	28.322	58.319	H
ATOM	3439	O	HOH A	1	33.346	27.493	14.397	O
ATOM	3440	H1	HOH A	2	34.149	27.036	14.070	H
ATOM	3441	H2	HOH A	3	33.365	28.414	14.064	H
ATOM	3442	O	HOH A	1	33.380	27.328	36.520	O
ATOM	3443	H1	HOH A	2	34.183	26.872	36.190	H
ATOM	3444	H2	HOH A	3	33.392	28.247	36.180	H
ATOM	3445	O	HOH A	1	33.355	27.518	58.617	O
ATOM	3446	H1	HOH A	2	34.155	27.060	58.287	H
ATOM	3447	H2	HOH A	3	33.368	28.437	58.275	H
ATOM	3448	O	HOH A	1	55.957	27.396	14.326	O
ATOM	3449	H1	HOH A	2	56.758	26.933	14.000	H
ATOM	3450	H2	HOH A	3	55.981	28.316	13.989	H
ATOM	3451	O	HOH A	1	55.963	27.341	36.466	O
ATOM	3452	H1	HOH A	2	56.768	26.886	36.143	H
ATOM	3453	H2	HOH A	3	55.978	28.260	36.127	H
ATOM	3454	O	HOH A	1	55.952	27.473	58.618	O
ATOM	3455	H1	HOH A	2	56.754	27.015	58.290	H
ATOM	3456	H2	HOH A	3	55.967	28.392	58.276	H
ATOM	3457	O	HOH A	1	15.279	27.306	14.370	O
ATOM	3458	H1	HOH A	2	15.291	28.232	14.051	H

ATOM	3459	H2	HOH A	3	15.296	27.322	15.350	H
ATOM	3460	O	HOH A	1	15.264	27.310	36.508	O
ATOM	3461	H1	HOH A	2	15.270	28.239	36.198	H
ATOM	3462	H2	HOH A	3	15.266	27.317	37.488	H
ATOM	3463	O	HOH A	1	15.284	27.377	58.593	O
ATOM	3464	H1	HOH A	2	15.283	28.303	58.273	H
ATOM	3465	H2	HOH A	3	15.290	27.395	59.573	H
ATOM	3466	O	HOH A	1	37.891	27.480	14.332	O
ATOM	3467	H1	HOH A	2	37.897	28.406	14.013	H
ATOM	3468	H2	HOH A	3	37.897	27.496	15.312	H
ATOM	3469	O	HOH A	1	37.922	27.291	36.466	O
ATOM	3470	H1	HOH A	2	37.921	28.215	36.142	H
ATOM	3471	H2	HOH A	3	37.925	27.313	37.446	H
ATOM	3472	O	HOH A	1	37.890	27.507	58.566	O
ATOM	3473	H1	HOH A	2	37.897	28.433	58.246	H
ATOM	3474	H2	HOH A	3	37.893	27.526	59.546	H
ATOM	3475	O	HOH A	1	60.480	27.342	14.281	O
ATOM	3476	H1	HOH A	2	60.484	28.269	13.963	H
ATOM	3477	H2	HOH A	3	60.493	27.358	15.261	H
ATOM	3478	O	HOH A	1	60.486	27.327	36.460	O
ATOM	3479	H1	HOH A	2	60.492	28.254	36.142	H
ATOM	3480	H2	HOH A	3	60.496	27.343	37.440	H
ATOM	3481	O	HOH A	1	60.494	27.414	58.581	O
ATOM	3482	H1	HOH A	2	60.501	28.342	58.265	H
ATOM	3483	H2	HOH A	3	60.494	27.428	59.561	H
ATOM	3484	O	HOH A	1	19.813	27.349	14.424	O
ATOM	3485	H1	HOH A	2	20.625	26.919	14.085	H
ATOM	3486	H2	HOH A	3	19.803	28.274	14.100	H
ATOM	3487	O	HOH A	1	19.805	27.293	36.574	O
ATOM	3488	H1	HOH A	2	20.614	26.859	36.232	H
ATOM	3489	H2	HOH A	3	19.794	28.215	36.244	H
ATOM	3490	O	HOH A	1	19.820	27.395	58.652	O
ATOM	3491	H1	HOH A	2	20.630	26.963	58.306	H
ATOM	3492	H2	HOH A	3	19.810	28.321	58.331	H
ATOM	3493	O	HOH A	1	42.435	27.461	14.375	O
ATOM	3494	H1	HOH A	2	43.236	27.024	14.017	H

ATOM	3495	H2	HOH A	3	42.428	28.387	14.055	H
ATOM	3496	O	HOH A	1	42.462	27.274	36.493	O
ATOM	3497	H1	HOH A	2	43.266	26.833	36.147	H
ATOM	3498	H2	HOH A	3	42.458	28.197	36.163	H
ATOM	3499	O	HOH A	1	42.419	27.498	58.601	O
ATOM	3500	H1	HOH A	2	43.223	27.056	58.256	H
ATOM	3501	H2	HOH A	3	42.420	28.423	58.276	H
ATOM	3502	O	HOH A	1	65.020	27.301	14.369	O
ATOM	3503	H1	HOH A	2	65.828	26.866	14.023	H
ATOM	3504	H2	HOH A	3	65.015	28.228	14.050	H
ATOM	3505	O	HOH A	1	65.017	27.312	36.534	O
ATOM	3506	H1	HOH A	2	65.826	26.875	36.196	H
ATOM	3507	H2	HOH A	3	65.010	28.234	36.203	H
ATOM	3508	O	HOH A	1	65.012	27.393	58.656	O
ATOM	3509	H1	HOH A	2	65.827	26.968	58.314	H
ATOM	3510	H2	HOH A	3	64.995	28.318	58.334	H
ATOM	3511	O	HOH A	1	22.068	31.321	14.379	O
ATOM	3512	H1	HOH A	2	22.874	30.865	14.060	H
ATOM	3513	H2	HOH A	3	22.089	31.323	15.359	H
ATOM	3514	O	HOH A	1	22.050	31.250	36.488	O
ATOM	3515	H1	HOH A	2	22.856	30.786	36.179	H
ATOM	3516	H2	HOH A	3	22.062	31.257	37.468	H
ATOM	3517	O	HOH A	1	22.072	31.375	58.589	O
ATOM	3518	H1	HOH A	2	22.881	30.917	58.278	H
ATOM	3519	H2	HOH A	3	22.087	31.384	59.569	H
ATOM	3520	O	HOH A	1	44.668	31.396	14.285	O
ATOM	3521	H1	HOH A	2	45.470	30.932	13.967	H
ATOM	3522	H2	HOH A	3	44.687	31.397	15.265	H
ATOM	3523	O	HOH A	1	44.709	31.241	36.409	O
ATOM	3524	H1	HOH A	2	45.510	30.772	36.096	H
ATOM	3525	H2	HOH A	3	44.728	31.251	37.389	H
ATOM	3526	O	HOH A	1	44.675	31.445	58.532	O
ATOM	3527	H1	HOH A	2	45.478	30.974	58.226	H
ATOM	3528	H2	HOH A	3	44.685	31.456	59.512	H
ATOM	3529	O	HOH A	1	67.280	31.240	14.312	O
ATOM	3530	H1	HOH A	2	68.081	30.769	14.000	H

ATOM	3531	H2	HOH A	3	67.293	31.242	15.292	H
ATOM	3532	O	HOH A	1	67.250	31.266	36.455	O
ATOM	3533	H1	HOH A	2	68.054	30.801	36.141	H
ATOM	3534	H2	HOH A	3	67.270	31.276	37.435	H
ATOM	3535	O	HOH A	1	67.256	31.328	58.582	O
ATOM	3536	H1	HOH A	2	68.056	30.856	58.270	H
ATOM	3537	H2	HOH A	3	67.269	31.331	59.562	H
ATOM	3538	O	HOH A	1	4.019	31.215	14.364	O
ATOM	3539	H1	HOH A	2	3.214	30.760	14.040	H
ATOM	3540	H2	HOH A	3	4.002	31.199	15.344	H
ATOM	3541	O	HOH A	1	3.990	31.250	36.503	O
ATOM	3542	H1	HOH A	2	3.186	30.796	36.173	H
ATOM	3543	H2	HOH A	3	3.964	31.238	37.482	H
ATOM	3544	O	HOH A	1	4.000	31.308	58.625	O
ATOM	3545	H1	HOH A	2	3.201	30.848	58.295	H
ATOM	3546	H2	HOH A	3	3.976	31.294	59.604	H
ATOM	3547	O	HOH A	1	26.600	31.342	14.392	O
ATOM	3548	H1	HOH A	2	25.801	30.875	14.070	H
ATOM	3549	H2	HOH A	3	26.587	31.324	15.372	H
ATOM	3550	O	HOH A	1	26.600	31.234	36.524	O
ATOM	3551	H1	HOH A	2	25.795	30.780	36.200	H
ATOM	3552	H2	HOH A	3	26.580	31.225	37.504	H
ATOM	3553	O	HOH A	1	26.604	31.383	58.608	O
ATOM	3554	H1	HOH A	2	25.807	30.916	58.282	H
ATOM	3555	H2	HOH A	3	26.580	31.377	59.587	H
ATOM	3556	O	HOH A	1	49.227	31.354	14.293	O
ATOM	3557	H1	HOH A	2	48.417	30.906	13.971	H
ATOM	3558	H2	HOH A	3	49.211	31.343	15.272	H
ATOM	3559	O	HOH A	1	49.231	31.242	36.445	O
ATOM	3560	H1	HOH A	2	48.428	30.782	36.121	H
ATOM	3561	H2	HOH A	3	49.212	31.230	37.425	H
ATOM	3562	O	HOH A	1	49.206	31.417	58.564	O
ATOM	3563	H1	HOH A	2	48.401	30.957	58.245	H
ATOM	3564	H2	HOH A	3	49.189	31.412	59.544	H
ATOM	3565	O	HOH A	1	8.525	31.223	14.408	O
ATOM	3566	H1	HOH A	2	7.721	30.756	14.100	H

ATOM	3567	H2	HOH A	3	8.508	31.241	15.388	H
ATOM	3568	O	HOH A	1	8.484	31.270	36.550	O
ATOM	3569	H1	HOH A	2	7.682	30.802	36.239	H
ATOM	3570	H2	HOH A	3	8.466	31.286	37.529	H
ATOM	3571	O	HOH A	1	8.502	31.321	58.658	O
ATOM	3572	H1	HOH A	2	7.696	30.854	58.354	H
ATOM	3573	H2	HOH A	3	8.487	31.344	59.637	H
ATOM	3574	O	HOH A	1	31.111	31.384	14.398	O
ATOM	3575	H1	HOH A	2	30.304	30.926	14.082	H
ATOM	3576	H2	HOH A	3	31.091	31.393	15.377	H
ATOM	3577	O	HOH A	1	31.123	31.237	36.533	O
ATOM	3578	H1	HOH A	2	30.316	30.771	36.227	H
ATOM	3579	H2	HOH A	3	31.106	31.260	37.512	H
ATOM	3580	O	HOH A	1	31.125	31.424	58.617	O
ATOM	3581	H1	HOH A	2	30.319	30.957	58.313	H
ATOM	3582	H2	HOH A	3	31.108	31.452	59.596	H
ATOM	3583	O	HOH A	1	53.728	31.332	14.340	O
ATOM	3584	H1	HOH A	2	52.921	30.870	14.031	H
ATOM	3585	H2	HOH A	3	53.711	31.348	15.320	H
ATOM	3586	O	HOH A	1	53.736	31.262	36.487	O
ATOM	3587	H1	HOH A	2	52.932	30.791	36.183	H
ATOM	3588	H2	HOH A	3	53.726	31.278	37.467	H
ATOM	3589	O	HOH A	1	53.717	31.407	58.590	O
ATOM	3590	H1	HOH A	2	52.907	30.947	58.288	H
ATOM	3591	H2	HOH A	3	53.705	31.430	59.570	H
ATOM	3592	O	HOH A	1	13.034	31.236	14.383	O
ATOM	3593	H1	HOH A	2	12.228	30.779	14.064	H
ATOM	3594	H2	HOH A	3	13.012	31.243	15.362	H
ATOM	3595	O	HOH A	1	13.003	31.267	36.523	O
ATOM	3596	H1	HOH A	2	12.199	30.805	36.207	H
ATOM	3597	H2	HOH A	3	12.987	31.266	37.503	H
ATOM	3598	O	HOH A	1	13.031	31.310	58.626	O
ATOM	3599	H1	HOH A	2	12.225	30.851	58.310	H
ATOM	3600	H2	HOH A	3	13.019	31.305	59.606	H
ATOM	3601	O	HOH A	1	35.625	31.417	14.370	O
ATOM	3602	H1	HOH A	2	34.826	30.955	14.040	H

ATOM	3603	H2	HOH A	3	35.602	31.403	15.349	H
ATOM	3604	O	HOH A	1	35.656	31.243	36.474	O
ATOM	3605	H1	HOH A	2	34.850	30.779	36.164	H
ATOM	3606	H2	HOH A	3	35.646	31.244	37.454	H
ATOM	3607	O	HOH A	1	35.637	31.452	58.571	O
ATOM	3608	H1	HOH A	2	34.835	30.987	58.253	H
ATOM	3609	H2	HOH A	3	35.620	31.450	59.551	H
ATOM	3610	O	HOH A	1	58.234	31.299	14.304	O
ATOM	3611	H1	HOH A	2	57.430	30.837	13.988	H
ATOM	3612	H2	HOH A	3	58.222	31.295	15.284	H
ATOM	3613	O	HOH A	1	58.236	31.265	36.459	O
ATOM	3614	H1	HOH A	2	57.434	30.802	36.137	H
ATOM	3615	H2	HOH A	3	58.213	31.265	37.439	H
ATOM	3616	O	HOH A	1	58.232	31.387	58.592	O
ATOM	3617	H1	HOH A	2	57.429	30.928	58.269	H
ATOM	3618	H2	HOH A	3	58.212	31.378	59.572	H
ATOM	3619	O	HOH A	1	17.547	31.252	14.396	O
ATOM	3620	H1	HOH A	2	17.556	32.174	14.062	H
ATOM	3621	H2	HOH A	3	17.550	31.285	15.375	H
ATOM	3622	O	HOH A	1	17.528	31.232	36.539	O
ATOM	3623	H1	HOH A	2	17.528	32.155	36.209	H
ATOM	3624	H2	HOH A	3	17.529	31.261	37.519	H
ATOM	3625	O	HOH A	1	17.550	31.307	58.620	O
ATOM	3626	H1	HOH A	2	17.553	32.229	58.287	H
ATOM	3627	H2	HOH A	3	17.551	31.339	59.599	H
ATOM	3628	O	HOH A	1	40.146	31.400	14.344	O
ATOM	3629	H1	HOH A	2	40.137	32.325	14.020	H
ATOM	3630	H2	HOH A	3	40.152	31.423	15.324	H
ATOM	3631	O	HOH A	1	40.182	31.199	36.471	O
ATOM	3632	H1	HOH A	2	40.184	32.122	36.141	H
ATOM	3633	H2	HOH A	3	40.190	31.227	37.451	H
ATOM	3634	O	HOH A	1	40.155	31.427	58.581	O
ATOM	3635	H1	HOH A	2	40.150	32.346	58.241	H
ATOM	3636	H2	HOH A	3	40.156	31.466	59.561	H
ATOM	3637	O	HOH A	1	62.754	31.227	14.322	O
ATOM	3638	H1	HOH A	2	62.752	32.149	13.991	H

ATOM	3639	H2	HOH A	3	62.748	31.257	15.302	H
ATOM	3640	O	HOH A	1	62.741	31.233	36.472	O
ATOM	3641	H1	HOH A	2	62.735	32.155	36.139	H
ATOM	3642	H2	HOH A	3	62.741	31.265	37.451	H
ATOM	3643	O	HOH A	1	62.734	31.330	58.611	O
ATOM	3644	H1	HOH A	2	62.727	32.253	58.283	H
ATOM	3645	H2	HOH A	3	62.734	31.357	59.591	H
ATOM	3646	O	HOH A	1	1.732	35.145	14.329	O
ATOM	3647	H1	HOH A	2	2.529	34.680	13.998	H
ATOM	3648	H2	HOH A	3	1.759	36.066	13.996	H
ATOM	3649	O	HOH A	1	1.699	35.169	36.491	O
ATOM	3650	H1	HOH A	2	2.494	34.699	36.165	H
ATOM	3651	H2	HOH A	3	1.731	36.089	36.156	H
ATOM	3652	O	HOH A	1	1.704	35.237	58.610	O
ATOM	3653	H1	HOH A	2	2.505	34.773	58.289	H
ATOM	3654	H2	HOH A	3	1.735	36.159	58.279	H
ATOM	3655	O	HOH A	1	24.314	35.253	14.399	O
ATOM	3656	H1	HOH A	2	25.116	34.793	14.075	H
ATOM	3657	H2	HOH A	3	24.335	36.173	14.063	H
ATOM	3658	O	HOH A	1	24.304	35.153	36.505	O
ATOM	3659	H1	HOH A	2	25.102	34.687	36.179	H
ATOM	3660	H2	HOH A	3	24.333	36.074	36.172	H
ATOM	3661	O	HOH A	1	24.319	35.296	58.619	O
ATOM	3662	H1	HOH A	2	25.117	34.833	58.289	H
ATOM	3663	H2	HOH A	3	24.343	36.217	58.282	H
ATOM	3664	O	HOH A	1	46.920	35.305	14.310	O
ATOM	3665	H1	HOH A	2	47.713	34.836	13.975	H
ATOM	3666	H2	HOH A	3	46.949	36.226	13.975	H
ATOM	3667	O	HOH A	1	46.944	35.165	36.429	O
ATOM	3668	H1	HOH A	2	47.740	34.700	36.096	H
ATOM	3669	H2	HOH A	3	46.968	36.085	36.093	H
ATOM	3670	O	HOH A	1	46.909	35.350	58.560	O
ATOM	3671	H1	HOH A	2	47.706	34.886	58.228	H
ATOM	3672	H2	HOH A	3	46.932	36.270	58.223	H
ATOM	3673	O	HOH A	1	6.274	35.119	14.333	O
ATOM	3674	H1	HOH A	2	5.468	34.665	14.009	H

ATOM	3675	H2	HOH A	3	6.256	36.041	14.003	H
ATOM	3676	O	HOH A	1	6.233	35.166	36.481	O
ATOM	3677	H1	HOH A	2	5.425	34.716	36.159	H
ATOM	3678	H2	HOH A	3	6.218	36.089	36.151	H
ATOM	3679	O	HOH A	1	6.248	35.210	58.593	O
ATOM	3680	H1	HOH A	2	5.438	34.762	58.271	H
ATOM	3681	H2	HOH A	3	6.233	36.134	58.266	H
ATOM	3682	O	HOH A	1	28.836	35.261	14.354	O
ATOM	3683	H1	HOH A	2	28.030	34.808	14.029	H
ATOM	3684	H2	HOH A	3	28.818	36.183	14.025	H
ATOM	3685	O	HOH A	1	28.874	35.127	36.468	O
ATOM	3686	H1	HOH A	2	28.059	34.679	36.161	H
ATOM	3687	H2	HOH A	3	28.858	36.048	36.134	H
ATOM	3688	O	HOH A	1	28.853	35.298	58.567	O
ATOM	3689	H1	HOH A	2	28.042	34.848	58.249	H
ATOM	3690	H2	HOH A	3	28.838	36.220	58.234	H
ATOM	3691	O	HOH A	1	51.476	35.242	14.261	O
ATOM	3692	H1	HOH A	2	50.661	34.799	13.947	H
ATOM	3693	H2	HOH A	3	51.466	36.165	13.931	H
ATOM	3694	O	HOH A	1	51.482	35.152	36.401	O
ATOM	3695	H1	HOH A	2	50.669	34.703	36.087	H
ATOM	3696	H2	HOH A	3	51.465	36.075	36.073	H
ATOM	3697	O	HOH A	1	51.450	35.315	58.533	O
ATOM	3698	H1	HOH A	2	50.642	34.866	58.210	H
ATOM	3699	H2	HOH A	3	51.438	36.237	58.201	H
ATOM	3700	O	HOH A	1	10.769	35.152	14.389	O
ATOM	3701	H1	HOH A	2	9.965	34.684	14.082	H
ATOM	3702	H2	HOH A	3	10.769	35.145	15.369	H
ATOM	3703	O	HOH A	1	10.713	35.196	36.519	O
ATOM	3704	H1	HOH A	2	9.910	34.726	36.213	H
ATOM	3705	H2	HOH A	3	10.716	35.183	37.499	H
ATOM	3706	O	HOH A	1	10.750	35.232	58.619	O
ATOM	3707	H1	HOH A	2	9.949	34.758	58.312	H
ATOM	3708	H2	HOH A	3	10.750	35.223	59.599	H
ATOM	3709	O	HOH A	1	33.335	35.343	14.367	O
ATOM	3710	H1	HOH A	2	32.541	34.861	14.054	H

ATOM	3711	H2	HOH A	3	33.335	35.321	15.347	H
ATOM	3712	O	HOH A	1	33.379	35.167	36.474	O
ATOM	3713	H1	HOH A	2	32.580	34.692	36.163	H
ATOM	3714	H2	HOH A	3	33.375	35.157	37.454	H
ATOM	3715	O	HOH A	1	33.350	35.363	58.599	O
ATOM	3716	H1	HOH A	2	32.549	34.889	58.292	H
ATOM	3717	H2	HOH A	3	33.344	35.365	59.579	H
ATOM	3718	O	HOH A	1	55.972	35.251	14.308	O
ATOM	3719	H1	HOH A	2	55.170	34.782	13.995	H
ATOM	3720	H2	HOH A	3	55.970	35.234	15.287	H
ATOM	3721	O	HOH A	1	55.966	35.197	36.456	O
ATOM	3722	H1	HOH A	2	55.164	34.725	36.147	H
ATOM	3723	H2	HOH A	3	55.963	35.188	37.435	H
ATOM	3724	O	HOH A	1	55.949	35.322	58.583	O
ATOM	3725	H1	HOH A	2	55.146	34.851	58.277	H
ATOM	3726	H2	HOH A	3	55.948	35.316	59.563	H
ATOM	3727	O	HOH A	1	15.281	35.135	14.404	O
ATOM	3728	H1	HOH A	2	14.476	34.687	14.070	H
ATOM	3729	H2	HOH A	3	15.271	36.059	14.078	H
ATOM	3730	O	HOH A	1	15.256	35.138	36.538	O
ATOM	3731	H1	HOH A	2	14.445	34.697	36.210	H
ATOM	3732	H2	HOH A	3	15.248	36.064	36.215	H
ATOM	3733	O	HOH A	1	15.281	35.205	58.617	O
ATOM	3734	H1	HOH A	2	14.477	34.758	58.279	H
ATOM	3735	H2	HOH A	3	15.273	36.130	58.292	H
ATOM	3736	O	HOH A	1	37.867	35.308	14.344	O
ATOM	3737	H1	HOH A	2	37.057	34.865	14.017	H
ATOM	3738	H2	HOH A	3	37.858	36.233	14.020	H
ATOM	3739	O	HOH A	1	37.912	35.111	36.467	O
ATOM	3740	H1	HOH A	2	37.098	34.672	36.145	H
ATOM	3741	H2	HOH A	3	37.907	36.035	36.140	H
ATOM	3742	O	HOH A	1	37.888	35.325	58.576	O
ATOM	3743	H1	HOH A	2	37.077	34.885	58.245	H
ATOM	3744	H2	HOH A	3	37.882	36.251	58.255	H
ATOM	3745	O	HOH A	1	60.496	35.153	14.322	O
ATOM	3746	H1	HOH A	2	59.681	34.720	13.991	H

ATOM	3747	H2	HOH A	3	60.497	36.080	14.004	H
ATOM	3748	O	HOH A	1	60.479	35.130	36.473	O
ATOM	3749	H1	HOH A	2	59.669	34.689	36.139	H
ATOM	3750	H2	HOH A	3	60.475	36.055	36.151	H
ATOM	3751	O	HOH A	1	60.481	35.245	58.593	O
ATOM	3752	H1	HOH A	2	59.665	34.813	58.264	H
ATOM	3753	H2	HOH A	3	60.483	36.171	58.272	H
ATOM	3754	O	HOH A	1	19.791	35.219	14.396	O
ATOM	3755	H1	HOH A	2	20.602	34.762	14.091	H
ATOM	3756	H2	HOH A	3	19.798	35.228	15.376	H
ATOM	3757	O	HOH A	1	19.764	35.174	36.495	O
ATOM	3758	H1	HOH A	2	20.576	34.714	36.193	H
ATOM	3759	H2	HOH A	3	19.765	35.178	37.475	H
ATOM	3760	O	HOH A	1	19.799	35.263	58.590	O
ATOM	3761	H1	HOH A	2	20.611	34.805	58.287	H
ATOM	3762	H2	HOH A	3	19.804	35.274	59.570	H
ATOM	3763	O	HOH A	1	42.383	35.322	14.299	O
ATOM	3764	H1	HOH A	2	43.193	34.863	13.995	H
ATOM	3765	H2	HOH A	3	42.386	35.325	15.279	H
ATOM	3766	O	HOH A	1	42.428	35.148	36.419	O
ATOM	3767	H1	HOH A	2	43.238	34.684	36.119	H
ATOM	3768	H2	HOH A	3	42.431	35.157	37.399	H
ATOM	3769	O	HOH A	1	42.394	35.363	58.533	O
ATOM	3770	H1	HOH A	2	43.207	34.899	58.241	H
ATOM	3771	H2	HOH A	3	42.391	35.381	59.513	H
ATOM	3772	O	HOH A	1	64.994	35.155	14.294	O
ATOM	3773	H1	HOH A	2	65.808	34.696	13.999	H
ATOM	3774	H2	HOH A	3	64.990	35.165	15.274	H
ATOM	3775	O	HOH A	1	64.961	35.177	36.449	O
ATOM	3776	H1	HOH A	2	65.779	34.726	36.152	H
ATOM	3777	H2	HOH A	3	64.961	35.189	37.429	H
ATOM	3778	O	HOH A	1	64.973	35.254	58.590	O
ATOM	3779	H1	HOH A	2	65.781	34.788	58.287	H
ATOM	3780	H2	HOH A	3	64.978	35.263	59.570	H
ATOM	3781	O	HOH A	1	22.038	39.161	14.377	O
ATOM	3782	H1	HOH A	2	22.851	38.720	14.052	H

ATOM	3783	H2	HOH A	3	22.044	40.085	14.052	H
ATOM	3784	O	HOH A	1	22.038	39.074	36.502	O
ATOM	3785	H1	HOH A	2	22.849	38.632	36.175	H
ATOM	3786	H2	HOH A	3	22.042	39.997	36.174	H
ATOM	3787	O	HOH A	1	22.057	39.194	58.598	O
ATOM	3788	H1	HOH A	2	22.873	38.755	58.278	H
ATOM	3789	H2	HOH A	3	22.065	40.119	58.276	H
ATOM	3790	O	HOH A	1	44.642	39.222	14.309	O
ATOM	3791	H1	HOH A	2	45.447	38.778	13.970	H
ATOM	3792	H2	HOH A	3	44.649	40.148	13.990	H
ATOM	3793	O	HOH A	1	44.688	39.067	36.414	O
ATOM	3794	H1	HOH A	2	45.500	38.631	36.082	H
ATOM	3795	H2	HOH A	3	44.689	39.993	36.093	H
ATOM	3796	O	HOH A	1	44.658	39.277	58.536	O
ATOM	3797	H1	HOH A	2	45.469	38.835	58.208	H
ATOM	3798	H2	HOH A	3	44.663	40.201	58.210	H
ATOM	3799	O	HOH A	1	67.269	39.068	14.325	O
ATOM	3800	H1	HOH A	2	68.080	38.625	14.000	H
ATOM	3801	H2	HOH A	3	67.276	39.991	13.995	H
ATOM	3802	O	HOH A	1	67.241	39.085	36.472	O
ATOM	3803	H1	HOH A	2	68.058	38.647	36.153	H
ATOM	3804	H2	HOH A	3	67.249	40.011	36.152	H
ATOM	3805	O	HOH A	1	67.241	39.151	58.621	O
ATOM	3806	H1	HOH A	2	68.055	38.714	58.296	H
ATOM	3807	H2	HOH A	3	67.242	40.075	58.295	H
ATOM	3808	O	HOH A	1	4.002	39.038	14.376	O
ATOM	3809	H1	HOH A	2	4.801	38.588	14.031	H
ATOM	3810	H2	HOH A	3	4.017	39.966	14.060	H
ATOM	3811	O	HOH A	1	3.969	39.083	36.521	O
ATOM	3812	H1	HOH A	2	4.775	38.635	36.189	H
ATOM	3813	H2	HOH A	3	3.985	40.009	36.203	H
ATOM	3814	O	HOH A	1	3.975	39.121	58.636	O
ATOM	3815	H1	HOH A	2	4.781	38.680	58.294	H
ATOM	3816	H2	HOH A	3	3.979	40.048	58.317	H
ATOM	3817	O	HOH A	1	26.569	39.172	14.399	O
ATOM	3818	H1	HOH A	2	27.376	38.732	14.057	H

ATOM	3819	H2	HOH A	3	26.574	40.100	14.084	H
ATOM	3820	O	HOH A	1	26.597	39.043	36.520	O
ATOM	3821	H1	HOH A	2	27.400	38.596	36.181	H
ATOM	3822	H2	HOH A	3	26.606	39.968	36.198	H
ATOM	3823	O	HOH A	1	26.604	39.199	58.624	O
ATOM	3824	H1	HOH A	2	27.410	38.754	58.288	H
ATOM	3825	H2	HOH A	3	26.612	40.124	58.302	H
ATOM	3826	O	HOH A	1	49.185	39.175	14.314	O
ATOM	3827	H1	HOH A	2	49.990	38.732	13.972	H
ATOM	3828	H2	HOH A	3	49.194	40.103	14.001	H
ATOM	3829	O	HOH A	1	49.226	39.053	36.450	O
ATOM	3830	H1	HOH A	2	50.036	38.617	36.114	H
ATOM	3831	H2	HOH A	3	49.227	39.980	36.132	H
ATOM	3832	O	HOH A	1	49.198	39.240	58.563	O
ATOM	3833	H1	HOH A	2	50.003	38.794	58.226	H
ATOM	3834	H2	HOH A	3	49.211	40.168	58.247	H
ATOM	3835	O	HOH A	1	8.510	39.058	14.379	O
ATOM	3836	H1	HOH A	2	9.308	38.592	14.052	H
ATOM	3837	H2	HOH A	3	8.532	39.047	15.358	H
ATOM	3838	O	HOH A	1	8.467	39.110	36.513	O
ATOM	3839	H1	HOH A	2	9.266	38.646	36.187	H
ATOM	3840	H2	HOH A	3	8.486	39.093	37.493	H
ATOM	3841	O	HOH A	1	8.499	39.144	58.634	O
ATOM	3842	H1	HOH A	2	9.296	38.680	58.304	H
ATOM	3843	H2	HOH A	3	8.526	39.132	59.614	H
ATOM	3844	O	HOH A	1	31.082	39.228	14.377	O
ATOM	3845	H1	HOH A	2	31.881	38.768	14.046	H
ATOM	3846	H2	HOH A	3	31.104	39.206	15.357	H
ATOM	3847	O	HOH A	1	31.114	39.072	36.495	O
ATOM	3848	H1	HOH A	2	31.909	38.604	36.165	H
ATOM	3849	H2	HOH A	3	31.137	39.055	37.475	H
ATOM	3850	O	HOH A	1	31.118	39.257	58.586	O
ATOM	3851	H1	HOH A	2	31.920	38.795	58.264	H
ATOM	3852	H2	HOH A	3	31.137	39.250	59.566	H
ATOM	3853	O	HOH A	1	53.706	39.175	14.304	O
ATOM	3854	H1	HOH A	2	54.501	38.707	13.973	H

ATOM	3855	H2	HOH A	3	53.730	39.157	15.283	H
ATOM	3856	O	HOH A	1	53.731	39.107	36.438	O
ATOM	3857	H1	HOH A	2	54.531	38.644	36.111	H
ATOM	3858	H2	HOH A	3	53.753	39.093	37.417	H
ATOM	3859	O	HOH A	1	53.702	39.242	58.583	O
ATOM	3860	H1	HOH A	2	54.503	38.781	58.257	H
ATOM	3861	H2	HOH A	3	53.725	39.232	59.563	H
ATOM	3862	O	HOH A	1	13.040	39.062	14.383	O
ATOM	3863	H1	HOH A	2	12.237	38.592	14.076	H
ATOM	3864	H2	HOH A	3	13.036	39.059	15.363	H
ATOM	3865	O	HOH A	1	13.022	39.080	36.530	O
ATOM	3866	H1	HOH A	2	12.218	38.614	36.218	H
ATOM	3867	H2	HOH A	3	13.019	39.068	37.510	H
ATOM	3868	O	HOH A	1	13.042	39.145	58.609	O
ATOM	3869	H1	HOH A	2	12.242	38.669	58.301	H
ATOM	3870	H2	HOH A	3	13.043	39.132	59.588	H
ATOM	3871	O	HOH A	1	35.629	39.239	14.356	O
ATOM	3872	H1	HOH A	2	34.829	38.768	14.042	H
ATOM	3873	H2	HOH A	3	35.628	39.218	15.336	H
ATOM	3874	O	HOH A	1	35.679	39.055	36.455	O
ATOM	3875	H1	HOH A	2	34.871	38.592	36.149	H
ATOM	3876	H2	HOH A	3	35.683	39.042	37.435	H
ATOM	3877	O	HOH A	1	35.659	39.262	58.567	O
ATOM	3878	H1	HOH A	2	34.856	38.789	58.266	H
ATOM	3879	H2	HOH A	3	35.658	39.268	59.547	H
ATOM	3880	O	HOH A	1	58.260	39.113	14.292	O
ATOM	3881	H1	HOH A	2	57.452	38.656	13.980	H
ATOM	3882	H2	HOH A	3	58.257	39.100	15.272	H
ATOM	3883	O	HOH A	1	58.263	39.100	36.441	O
ATOM	3884	H1	HOH A	2	57.458	38.632	36.135	H
ATOM	3885	H2	HOH A	3	58.263	39.092	37.421	H
ATOM	3886	O	HOH A	1	58.250	39.206	58.575	O
ATOM	3887	H1	HOH A	2	57.442	38.743	58.269	H
ATOM	3888	H2	HOH A	3	58.252	39.195	59.555	H
ATOM	3889	O	HOH A	1	17.539	39.078	14.388	O
ATOM	3890	H1	HOH A	2	18.349	38.638	14.055	H

ATOM	3891	H2	HOH A	3	17.540	40.002	14.060	H
ATOM	3892	O	HOH A	1	17.529	39.059	36.531	O
ATOM	3893	H1	HOH A	2	18.336	38.620	36.190	H
ATOM	3894	H2	HOH A	3	17.523	39.981	36.200	H
ATOM	3895	O	HOH A	1	17.552	39.114	58.620	O
ATOM	3896	H1	HOH A	2	18.363	38.680	58.282	H
ATOM	3897	H2	HOH A	3	17.547	40.040	58.298	H
ATOM	3898	O	HOH A	1	40.143	39.213	14.347	O
ATOM	3899	H1	HOH A	2	40.949	38.777	14.001	H
ATOM	3900	H2	HOH A	3	40.139	40.140	14.029	H
ATOM	3901	O	HOH A	1	40.193	39.020	36.456	O
ATOM	3902	H1	HOH A	2	41.001	38.582	36.116	H
ATOM	3903	H2	HOH A	3	40.190	39.945	36.132	H
ATOM	3904	O	HOH A	1	40.157	39.229	58.576	O
ATOM	3905	H1	HOH A	2	40.970	38.792	58.245	H
ATOM	3906	H2	HOH A	3	40.156	40.153	58.251	H
ATOM	3907	O	HOH A	1	62.764	39.070	14.332	O
ATOM	3908	H1	HOH A	2	63.575	38.634	13.997	H
ATOM	3909	H2	HOH A	3	62.763	39.996	14.010	H
ATOM	3910	O	HOH A	1	62.743	39.058	36.473	O
ATOM	3911	H1	HOH A	2	63.554	38.620	36.139	H
ATOM	3912	H2	HOH A	3	62.739	39.980	36.141	H
ATOM	3913	O	HOH A	1	62.749	39.143	58.613	O
ATOM	3914	H1	HOH A	2	63.556	38.703	58.273	H
ATOM	3915	H2	HOH A	3	62.747	40.067	58.286	H
ATOM	3916	O	HOH A	1	1.745	42.938	14.327	O
ATOM	3917	H1	HOH A	2	0.922	42.502	14.021	H
ATOM	3918	H2	HOH A	3	1.735	43.863	14.006	H
ATOM	3919	O	HOH A	1	1.719	42.980	36.466	O
ATOM	3920	H1	HOH A	2	0.904	42.545	36.141	H
ATOM	3921	H2	HOH A	3	1.712	43.909	36.154	H
ATOM	3922	O	HOH A	1	1.708	43.024	58.594	O
ATOM	3923	H1	HOH A	2	0.888	42.589	58.280	H
ATOM	3924	H2	HOH A	3	1.698	43.953	58.282	H
ATOM	3925	O	HOH A	1	24.312	43.058	14.359	O
ATOM	3926	H1	HOH A	2	23.494	42.618	14.046	H

ATOM	3927	H2	HOH A	3	24.298	43.984	14.041	H
ATOM	3928	O	HOH A	1	24.325	42.953	36.465	O
ATOM	3929	H1	HOH A	2	23.505	42.516	36.157	H
ATOM	3930	H2	HOH A	3	24.309	43.882	36.153	H
ATOM	3931	O	HOH A	1	24.338	43.093	58.587	O
ATOM	3932	H1	HOH A	2	23.513	42.664	58.278	H
ATOM	3933	H2	HOH A	3	24.333	44.021	58.272	H
ATOM	3934	O	HOH A	1	46.923	43.084	14.282	O
ATOM	3935	H1	HOH A	2	46.101	42.644	13.980	H
ATOM	3936	H2	HOH A	3	46.906	44.010	13.963	H
ATOM	3937	O	HOH A	1	46.957	42.950	36.406	O
ATOM	3938	H1	HOH A	2	46.131	42.518	36.102	H
ATOM	3939	H2	HOH A	3	46.947	43.878	36.090	H
ATOM	3940	O	HOH A	1	46.932	43.145	58.538	O
ATOM	3941	H1	HOH A	2	46.107	42.714	58.232	H
ATOM	3942	H2	HOH A	3	46.921	44.075	58.228	H
ATOM	3943	O	HOH A	1	6.239	42.942	14.357	O
ATOM	3944	H1	HOH A	2	7.052	42.497	14.041	H
ATOM	3945	H2	HOH A	3	6.252	43.866	14.031	H
ATOM	3946	O	HOH A	1	6.203	43.005	36.504	O
ATOM	3947	H1	HOH A	2	7.019	42.561	36.193	H
ATOM	3948	H2	HOH A	3	6.217	43.929	36.176	H
ATOM	3949	O	HOH A	1	6.204	43.037	58.623	O
ATOM	3950	H1	HOH A	2	7.018	42.591	58.308	H
ATOM	3951	H2	HOH A	3	6.221	43.962	58.299	H
ATOM	3952	O	HOH A	1	28.809	43.106	14.375	O
ATOM	3953	H1	HOH A	2	29.624	42.661	14.060	H
ATOM	3954	H2	HOH A	3	28.821	44.028	14.045	H
ATOM	3955	O	HOH A	1	28.826	42.971	36.480	O
ATOM	3956	H1	HOH A	2	29.643	42.530	36.166	H
ATOM	3957	H2	HOH A	3	28.834	43.894	36.152	H
ATOM	3958	O	HOH A	1	28.831	43.135	58.587	O
ATOM	3959	H1	HOH A	2	29.646	42.691	58.272	H
ATOM	3960	H2	HOH A	3	28.839	44.056	58.252	H
ATOM	3961	O	HOH A	1	51.423	43.082	14.291	O
ATOM	3962	H1	HOH A	2	52.235	42.635	13.972	H

ATOM	3963	H2	HOH A	3	51.438	44.006	13.965	H
ATOM	3964	O	HOH A	1	51.447	42.988	36.430	O
ATOM	3965	H1	HOH A	2	52.264	42.546	36.117	H
ATOM	3966	H2	HOH A	3	51.456	43.910	36.097	H
ATOM	3967	O	HOH A	1	51.419	43.151	58.569	O
ATOM	3968	H1	HOH A	2	52.233	42.705	58.258	H
ATOM	3969	H2	HOH A	3	51.431	44.072	58.235	H
ATOM	3970	O	HOH A	1	10.770	42.973	14.411	O
ATOM	3971	H1	HOH A	2	11.570	42.509	14.086	H
ATOM	3972	H2	HOH A	3	9.985	42.495	14.073	H
ATOM	3973	O	HOH A	1	10.731	43.002	36.542	O
ATOM	3974	H1	HOH A	2	11.529	42.533	36.220	H
ATOM	3975	H2	HOH A	3	9.943	42.524	36.209	H
ATOM	3976	O	HOH A	1	10.753	43.053	58.650	O
ATOM	3977	H1	HOH A	2	11.547	42.582	58.321	H
ATOM	3978	H2	HOH A	3	9.961	42.578	58.323	H
ATOM	3979	O	HOH A	1	33.342	43.150	14.397	O
ATOM	3980	H1	HOH A	2	34.139	42.685	14.067	H
ATOM	3981	H2	HOH A	3	32.553	42.669	14.069	H
ATOM	3982	O	HOH A	1	33.377	42.969	36.512	O
ATOM	3983	H1	HOH A	2	34.173	42.501	36.185	H
ATOM	3984	H2	HOH A	3	32.587	42.499	36.172	H
ATOM	3985	O	HOH A	1	33.361	43.180	58.617	O
ATOM	3986	H1	HOH A	2	34.161	42.714	58.295	H
ATOM	3987	H2	HOH A	3	32.576	42.698	58.283	H
ATOM	3988	O	HOH A	1	55.971	43.051	14.332	O
ATOM	3989	H1	HOH A	2	56.763	42.576	14.004	H
ATOM	3990	H2	HOH A	3	55.177	42.581	14.001	H
ATOM	3991	O	HOH A	1	55.976	43.012	36.469	O
ATOM	3992	H1	HOH A	2	56.770	42.538	36.145	H
ATOM	3993	H2	HOH A	3	55.184	42.538	36.138	H
ATOM	3994	O	HOH A	1	55.960	43.141	58.591	O
ATOM	3995	H1	HOH A	2	56.758	42.671	58.269	H
ATOM	3996	H2	HOH A	3	55.172	42.665	58.256	H
ATOM	3997	O	HOH A	1	15.299	42.977	14.412	O
ATOM	3998	H1	HOH A	2	14.498	42.519	14.082	H

ATOM	3999	H2	HOH A	3	15.281	43.898	14.077	H
ATOM	4000	O	HOH A	1	15.269	42.966	36.569	O
ATOM	4001	H1	HOH A	2	14.467	42.515	36.230	H
ATOM	4002	H2	HOH A	3	15.260	43.889	36.241	H
ATOM	4003	O	HOH A	1	15.296	43.033	58.641	O
ATOM	4004	H1	HOH A	2	14.491	42.586	58.307	H
ATOM	4005	H2	HOH A	3	15.289	43.956	58.313	H
ATOM	4006	O	HOH A	1	37.893	43.122	14.387	O
ATOM	4007	H1	HOH A	2	37.081	42.679	14.062	H
ATOM	4008	H2	HOH A	3	37.883	44.047	14.063	H
ATOM	4009	O	HOH A	1	37.936	42.924	36.488	O
ATOM	4010	H1	HOH A	2	37.128	42.477	36.160	H
ATOM	4011	H2	HOH A	3	37.923	43.849	36.165	H
ATOM	4012	O	HOH A	1	37.907	43.157	58.605	O
ATOM	4013	H1	HOH A	2	37.103	42.707	58.269	H
ATOM	4014	H2	HOH A	3	37.893	44.082	58.282	H
ATOM	4015	O	HOH A	1	60.507	42.993	14.345	O
ATOM	4016	H1	HOH A	2	59.703	42.545	14.009	H
ATOM	4017	H2	HOH A	3	60.498	43.917	14.019	H
ATOM	4018	O	HOH A	1	60.507	42.986	36.483	O
ATOM	4019	H1	HOH A	2	59.701	42.539	36.148	H
ATOM	4020	H2	HOH A	3	60.498	43.911	36.158	H
ATOM	4021	O	HOH A	1	60.496	43.073	58.636	O
ATOM	4022	H1	HOH A	2	59.692	42.629	58.294	H
ATOM	4023	H2	HOH A	3	60.488	44.000	58.318	H
ATOM	4024	O	HOH A	1	19.786	43.036	14.398	O
ATOM	4025	H1	HOH A	2	18.984	42.580	14.069	H
ATOM	4026	H2	HOH A	3	19.769	43.957	14.063	H
ATOM	4027	O	HOH A	1	19.782	42.997	36.526	O
ATOM	4028	H1	HOH A	2	18.973	42.547	36.203	H
ATOM	4029	H2	HOH A	3	19.772	43.917	36.189	H
ATOM	4030	O	HOH A	1	19.797	43.089	58.626	O
ATOM	4031	H1	HOH A	2	18.992	42.630	58.306	H
ATOM	4032	H2	HOH A	3	19.781	44.005	58.279	H
ATOM	4033	O	HOH A	1	42.394	43.152	14.345	O
ATOM	4034	H1	HOH A	2	41.589	42.700	14.017	H

ATOM	4035	H2	HOH A	3	42.382	44.072	14.009	H
ATOM	4036	O	HOH A	1	42.427	42.963	36.455	O
ATOM	4037	H1	HOH A	2	41.622	42.509	36.127	H
ATOM	4038	H2	HOH A	3	42.411	43.885	36.122	H
ATOM	4039	O	HOH A	1	42.407	43.183	58.575	O
ATOM	4040	H1	HOH A	2	41.602	42.727	58.251	H
ATOM	4041	H2	HOH A	3	42.391	44.102	58.236	H
ATOM	4042	O	HOH A	1	65.015	43.003	14.350	O
ATOM	4043	H1	HOH A	2	64.212	42.548	14.021	H
ATOM	4044	H2	HOH A	3	64.996	43.927	14.022	H
ATOM	4045	O	HOH A	1	65.000	43.007	36.486	O
ATOM	4046	H1	HOH A	2	64.196	42.553	36.156	H
ATOM	4047	H2	HOH A	3	64.984	43.929	36.153	H
ATOM	4048	O	HOH A	1	64.985	43.081	58.628	O
ATOM	4049	H1	HOH A	2	64.179	42.631	58.299	H
ATOM	4050	H2	HOH A	3	64.976	44.002	58.292	H
ATOM	4051	O	HOH A	1	1.751	45.554	13.420	O
ATOM	4052	H1	HOH A	2	0.946	46.008	13.748	H
ATOM	4053	H2	HOH A	3	1.730	45.570	12.441	H
ATOM	4054	O	HOH A	1	1.733	45.597	35.582	O
ATOM	4055	H1	HOH A	2	0.924	46.048	35.903	H
ATOM	4056	H2	HOH A	3	1.718	45.609	34.603	H
ATOM	4057	O	HOH A	1	1.731	45.650	57.712	O
ATOM	4058	H1	HOH A	2	0.926	46.104	58.040	H
ATOM	4059	H2	HOH A	3	1.707	45.663	56.733	H
ATOM	4060	O	HOH A	1	24.340	45.669	13.459	O
ATOM	4061	H1	HOH A	2	23.534	46.119	13.789	H
ATOM	4062	H2	HOH A	3	24.316	45.684	12.479	H
ATOM	4063	O	HOH A	1	24.336	45.579	35.593	O
ATOM	4064	H1	HOH A	2	23.528	46.032	35.913	H
ATOM	4065	H2	HOH A	3	24.322	45.592	34.613	H
ATOM	4066	O	HOH A	1	24.353	45.703	57.689	O
ATOM	4067	H1	HOH A	2	23.545	46.160	58.005	H
ATOM	4068	H2	HOH A	3	24.336	45.703	56.709	H
ATOM	4069	O	HOH A	1	46.933	45.705	13.391	O
ATOM	4070	H1	HOH A	2	46.133	46.161	13.726	H

ATOM	4071	H2	HOH A	3	46.909	45.732	12.412	H
ATOM	4072	O	HOH A	1	46.970	45.563	35.516	O
ATOM	4073	H1	HOH A	2	46.165	46.014	35.847	H
ATOM	4074	H2	HOH A	3	46.947	45.580	34.537	H
ATOM	4075	O	HOH A	1	46.933	45.761	57.649	O
ATOM	4076	H1	HOH A	2	46.123	46.212	57.967	H
ATOM	4077	H2	HOH A	3	46.918	45.768	56.669	H
ATOM	4078	O	HOH A	1	6.252	45.563	13.452	O
ATOM	4079	H1	HOH A	2	5.452	46.029	13.772	H
ATOM	4080	H2	HOH A	3	6.239	45.577	12.472	H
ATOM	4081	O	HOH A	1	6.226	45.624	35.596	O
ATOM	4082	H1	HOH A	2	5.423	46.088	35.914	H
ATOM	4083	H2	HOH A	3	6.218	45.641	34.616	H
ATOM	4084	O	HOH A	1	6.229	45.657	57.716	O
ATOM	4085	H1	HOH A	2	5.430	46.124	58.036	H
ATOM	4086	H2	HOH A	3	6.216	45.671	56.736	H
ATOM	4087	O	HOH A	1	28.831	45.729	13.460	O
ATOM	4088	H1	HOH A	2	28.027	46.187	13.783	H
ATOM	4089	H2	HOH A	3	28.824	45.758	12.480	H
ATOM	4090	O	HOH A	1	28.840	45.591	35.580	O
ATOM	4091	H1	HOH A	2	28.043	46.061	35.904	H
ATOM	4092	H2	HOH A	3	28.824	45.610	34.600	H
ATOM	4093	O	HOH A	1	28.846	45.750	57.675	O
ATOM	4094	H1	HOH A	2	28.043	46.214	57.992	H
ATOM	4095	H2	HOH A	3	28.833	45.757	56.695	H
ATOM	4096	O	HOH A	1	51.439	45.705	13.380	O
ATOM	4097	H1	HOH A	2	50.638	46.165	13.706	H
ATOM	4098	H2	HOH A	3	51.429	45.737	12.401	H
ATOM	4099	O	HOH A	1	51.466	45.604	35.511	O
ATOM	4100	H1	HOH A	2	50.667	46.067	35.840	H
ATOM	4101	H2	HOH A	3	51.447	45.626	34.531	H
ATOM	4102	O	HOH A	1	51.433	45.765	57.654	O
ATOM	4103	H1	HOH A	2	50.633	46.233	57.973	H
ATOM	4104	H2	HOH A	3	51.421	45.777	56.674	H
ATOM	4105	O	HOH A	1	10.775	45.573	13.446	O
ATOM	4106	H1	HOH A	2	10.776	44.647	13.767	H

ATOM	4107	H2	HOH A	3	10.775	45.553	12.466	H
ATOM	4108	O	HOH A	1	10.752	45.599	35.590	O
ATOM	4109	H1	HOH A	2	10.739	44.672	35.909	H
ATOM	4110	H2	HOH A	3	10.743	45.583	34.611	H
ATOM	4111	O	HOH A	1	10.764	45.658	57.710	O
ATOM	4112	H1	HOH A	2	10.759	44.728	58.020	H
ATOM	4113	H2	HOH A	3	10.752	45.650	56.730	H
ATOM	4114	O	HOH A	1	33.357	45.748	13.435	O
ATOM	4115	H1	HOH A	2	33.341	44.822	13.755	H
ATOM	4116	H2	HOH A	3	33.363	45.730	12.455	H
ATOM	4117	O	HOH A	1	33.382	45.583	35.566	O
ATOM	4118	H1	HOH A	2	33.372	44.655	35.882	H
ATOM	4119	H2	HOH A	3	33.389	45.569	34.586	H
ATOM	4120	O	HOH A	1	33.376	45.770	57.657	O
ATOM	4121	H1	HOH A	2	33.366	44.847	57.987	H
ATOM	4122	H2	HOH A	3	33.377	45.741	56.678	H
ATOM	4123	O	HOH A	1	55.963	45.653	13.379	O
ATOM	4124	H1	HOH A	2	55.957	44.723	13.689	H
ATOM	4125	H2	HOH A	3	55.959	45.645	12.399	H
ATOM	4126	O	HOH A	1	55.997	45.612	35.503	O
ATOM	4127	H1	HOH A	2	55.988	44.687	35.826	H
ATOM	4128	H2	HOH A	3	55.996	45.592	34.524	H
ATOM	4129	O	HOH A	1	55.964	45.740	57.655	O
ATOM	4130	H1	HOH A	2	55.951	44.813	57.974	H
ATOM	4131	H2	HOH A	3	55.968	45.723	56.675	H
ATOM	4132	O	HOH A	1	15.281	45.574	13.468	O
ATOM	4133	H1	HOH A	2	14.488	46.038	13.807	H
ATOM	4134	H2	HOH A	3	16.073	46.049	13.797	H
ATOM	4135	O	HOH A	1	15.258	45.567	35.625	O
ATOM	4136	H1	HOH A	2	14.463	46.031	35.962	H
ATOM	4137	H2	HOH A	3	16.049	46.041	35.957	H
ATOM	4138	O	HOH A	1	15.279	45.641	57.714	O
ATOM	4139	H1	HOH A	2	14.486	46.102	58.057	H
ATOM	4140	H2	HOH A	3	16.071	46.116	58.041	H
ATOM	4141	O	HOH A	1	37.879	45.730	13.441	O
ATOM	4142	H1	HOH A	2	37.081	46.188	13.779	H

ATOM	4143	H2	HOH A	3	38.666	46.209	13.775	H
ATOM	4144	O	HOH A	1	37.911	45.532	35.569	O
ATOM	4145	H1	HOH A	2	37.119	45.998	35.910	H
ATOM	4146	H2	HOH A	3	38.705	46.005	35.896	H
ATOM	4147	O	HOH A	1	37.881	45.757	57.676	O
ATOM	4148	H1	HOH A	2	37.089	46.224	58.016	H
ATOM	4149	H2	HOH A	3	38.675	46.232	57.999	H
ATOM	4150	O	HOH A	1	60.486	45.592	13.414	O
ATOM	4151	H1	HOH A	2	59.693	46.060	13.750	H
ATOM	4152	H2	HOH A	3	61.278	46.060	13.750	H
ATOM	4153	O	HOH A	1	60.487	45.584	35.553	O
ATOM	4154	H1	HOH A	2	59.695	46.051	35.893	H
ATOM	4155	H2	HOH A	3	61.281	46.057	35.880	H
ATOM	4156	O	HOH A	1	60.477	45.670	57.696	O
ATOM	4157	H1	HOH A	2	59.686	46.144	58.029	H
ATOM	4158	H2	HOH A	3	61.272	46.142	58.022	H
ATOM	4159	O	HOH A	1	19.827	45.644	13.468	O
ATOM	4160	H1	HOH A	2	19.022	46.105	13.785	H
ATOM	4161	H2	HOH A	3	19.822	45.664	12.488	H
ATOM	4162	O	HOH A	1	19.798	45.610	35.606	O
ATOM	4163	H1	HOH A	2	18.995	46.067	35.932	H
ATOM	4164	H2	HOH A	3	19.785	45.637	34.626	H
ATOM	4165	O	HOH A	1	19.822	45.693	57.696	O
ATOM	4166	H1	HOH A	2	19.017	46.152	58.017	H
ATOM	4167	H2	HOH A	3	19.807	45.707	56.716	H
ATOM	4168	O	HOH A	1	42.407	45.760	13.429	O
ATOM	4169	H1	HOH A	2	41.610	46.222	13.763	H
ATOM	4170	H2	HOH A	3	42.386	45.789	12.450	H
ATOM	4171	O	HOH A	1	42.441	45.577	35.546	O
ATOM	4172	H1	HOH A	2	41.639	46.040	35.868	H
ATOM	4173	H2	HOH A	3	42.431	45.601	34.566	H
ATOM	4174	O	HOH A	1	42.414	45.787	57.656	O
ATOM	4175	H1	HOH A	2	41.617	46.260	57.974	H
ATOM	4176	H2	HOH A	3	42.404	45.800	56.676	H
ATOM	4177	O	HOH A	1	65.017	45.611	13.429	O
ATOM	4178	H1	HOH A	2	64.216	46.077	13.750	H

ATOM	4179	H2	HOH A	3	65.005	45.628	12.449	H
ATOM	4180	O	HOH A	1	65.006	45.620	35.558	O
ATOM	4181	H1	HOH A	2	64.204	46.082	35.882	H
ATOM	4182	H2	HOH A	3	64.988	45.636	34.578	H
ATOM	4183	O	HOH A	1	65.015	45.690	57.710	O
ATOM	4184	H1	HOH A	2	64.216	46.153	58.037	H
ATOM	4185	H2	HOH A	3	64.995	45.705	56.730	H
ATOM	4186	O	HOH A	1	22.082	26.090	13.485	O
ATOM	4187	H1	HOH A	2	22.100	25.165	13.808	H
ATOM	4188	H2	HOH A	3	22.887	26.541	13.814	H
ATOM	4189	O	HOH A	1	22.064	26.013	35.610	O
ATOM	4190	H1	HOH A	2	22.073	25.090	35.939	H
ATOM	4191	H2	HOH A	3	22.875	26.458	35.933	H
ATOM	4192	O	HOH A	1	22.080	26.127	57.696	O
ATOM	4193	H1	HOH A	2	22.098	25.203	58.021	H
ATOM	4194	H2	HOH A	3	22.884	26.580	58.025	H
ATOM	4195	O	HOH A	1	44.681	26.170	13.401	O
ATOM	4196	H1	HOH A	2	44.697	25.248	13.732	H
ATOM	4197	H2	HOH A	3	45.486	26.624	13.728	H
ATOM	4198	O	HOH A	1	44.713	25.996	35.537	O
ATOM	4199	H1	HOH A	2	44.732	25.072	35.861	H
ATOM	4200	H2	HOH A	3	45.521	26.448	35.860	H
ATOM	4201	O	HOH A	1	44.672	26.196	57.654	O
ATOM	4202	H1	HOH A	2	44.687	25.273	57.983	H
ATOM	4203	H2	HOH A	3	45.479	26.647	57.977	H
ATOM	4204	O	HOH A	1	67.279	26.014	13.431	O
ATOM	4205	H1	HOH A	2	67.295	25.089	13.755	H
ATOM	4206	H2	HOH A	3	68.088	26.462	13.754	H
ATOM	4207	O	HOH A	1	67.263	26.029	35.584	O
ATOM	4208	H1	HOH A	2	67.284	25.105	35.909	H
ATOM	4209	H2	HOH A	3	68.070	26.482	35.907	H
ATOM	4210	O	HOH A	1	67.271	26.105	57.716	O
ATOM	4211	H1	HOH A	2	67.286	25.182	58.045	H
ATOM	4212	H2	HOH A	3	68.082	26.553	58.034	H
ATOM	4213	O	HOH A	1	4.002	26.011	13.419	O
ATOM	4214	H1	HOH A	2	4.000	25.082	13.729	H

ATOM	4215	H2	HOH A	3	4.012	26.003	12.439	H
ATOM	4216	O	HOH A	1	3.967	26.054	35.593	O
ATOM	4217	H1	HOH A	2	3.964	25.127	35.910	H
ATOM	4218	H2	HOH A	3	3.985	26.039	34.614	H
ATOM	4219	O	HOH A	1	3.993	26.107	57.703	O
ATOM	4220	H1	HOH A	2	3.994	25.179	58.018	H
ATOM	4221	H2	HOH A	3	4.003	26.095	56.724	H
ATOM	4222	O	HOH A	1	26.591	26.161	13.467	O
ATOM	4223	H1	HOH A	2	26.582	25.233	13.780	H
ATOM	4224	H2	HOH A	3	26.612	26.151	12.487	H
ATOM	4225	O	HOH A	1	26.589	26.047	35.588	O
ATOM	4226	H1	HOH A	2	26.586	25.119	35.903	H
ATOM	4227	H2	HOH A	3	26.596	26.033	34.608	H
ATOM	4228	O	HOH A	1	26.589	26.188	57.677	O
ATOM	4229	H1	HOH A	2	26.589	25.262	57.998	H
ATOM	4230	H2	HOH A	3	26.611	26.169	56.697	H
ATOM	4231	O	HOH A	1	49.184	26.168	13.388	O
ATOM	4232	H1	HOH A	2	49.173	25.236	13.690	H
ATOM	4233	H2	HOH A	3	49.195	26.169	12.408	H
ATOM	4234	O	HOH A	1	49.224	26.033	35.520	O
ATOM	4235	H1	HOH A	2	49.221	25.104	35.832	H
ATOM	4236	H2	HOH A	3	49.234	26.024	34.540	H
ATOM	4237	O	HOH A	1	49.188	26.222	57.661	O
ATOM	4238	H1	HOH A	2	49.183	25.295	57.978	H
ATOM	4239	H2	HOH A	3	49.205	26.207	56.681	H
ATOM	4240	O	HOH A	1	8.518	25.990	13.446	O
ATOM	4241	H1	HOH A	2	8.547	25.070	13.784	H
ATOM	4242	H2	HOH A	3	9.313	26.459	13.775	H
ATOM	4243	O	HOH A	1	8.495	26.025	35.602	O
ATOM	4244	H1	HOH A	2	8.526	25.106	35.943	H
ATOM	4245	H2	HOH A	3	9.295	26.493	35.920	H
ATOM	4246	O	HOH A	1	8.508	26.074	57.717	O
ATOM	4247	H1	HOH A	2	8.533	25.156	58.058	H
ATOM	4248	H2	HOH A	3	9.310	26.537	58.036	H
ATOM	4249	O	HOH A	1	31.110	26.168	13.454	O
ATOM	4250	H1	HOH A	2	31.137	25.249	13.793	H

ATOM	4251	H2	HOH A	3	31.911	26.633	13.773	H
ATOM	4252	O	HOH A	1	31.134	26.019	35.585	O
ATOM	4253	H1	HOH A	2	31.163	25.095	35.912	H
ATOM	4254	H2	HOH A	3	31.936	26.480	35.907	H
ATOM	4255	O	HOH A	1	31.126	26.177	57.671	O
ATOM	4256	H1	HOH A	2	31.150	25.258	58.010	H
ATOM	4257	H2	HOH A	3	31.923	26.642	58.000	H
ATOM	4258	O	HOH A	1	53.721	26.089	13.382	O
ATOM	4259	H1	HOH A	2	53.750	25.167	13.713	H
ATOM	4260	H2	HOH A	3	54.520	26.552	13.707	H
ATOM	4261	O	HOH A	1	53.738	26.011	35.534	O
ATOM	4262	H1	HOH A	2	53.764	25.090	35.868	H
ATOM	4263	H2	HOH A	3	54.538	26.474	35.858	H
ATOM	4264	O	HOH A	1	53.710	26.169	57.666	O
ATOM	4265	H1	HOH A	2	53.728	25.249	58.003	H
ATOM	4266	H2	HOH A	3	54.513	26.627	57.991	H
ATOM	4267	O	HOH A	1	13.007	26.010	13.469	O
ATOM	4268	H1	HOH A	2	13.014	25.086	13.795	H
ATOM	4269	H2	HOH A	3	13.807	26.458	13.814	H
ATOM	4270	O	HOH A	1	12.981	26.031	35.618	O
ATOM	4271	H1	HOH A	2	12.994	25.107	35.946	H
ATOM	4272	H2	HOH A	3	13.790	26.479	35.944	H
ATOM	4273	O	HOH A	1	12.996	26.086	57.725	O
ATOM	4274	H1	HOH A	2	13.012	25.164	58.056	H
ATOM	4275	H2	HOH A	3	13.802	26.539	58.051	H
ATOM	4276	O	HOH A	1	35.600	26.187	13.469	O
ATOM	4277	H1	HOH A	2	35.611	25.261	13.789	H
ATOM	4278	H2	HOH A	3	36.411	26.630	13.797	H
ATOM	4279	O	HOH A	1	35.632	26.010	35.588	O
ATOM	4280	H1	HOH A	2	35.639	25.081	35.900	H
ATOM	4281	H2	HOH A	3	36.444	26.448	35.919	H
ATOM	4282	O	HOH A	1	35.611	26.217	57.667	O
ATOM	4283	H1	HOH A	2	35.627	25.294	57.998	H
ATOM	4284	H2	HOH A	3	36.412	26.672	58.000	H
ATOM	4285	O	HOH A	1	58.193	26.069	13.396	O
ATOM	4286	H1	HOH A	2	58.207	25.141	13.710	H

ATOM	4287	H2	HOH A	3	59.005	26.512	13.720	H
ATOM	4288	O	HOH A	1	58.219	26.044	35.542	O
ATOM	4289	H1	HOH A	2	58.232	25.117	35.861	H
ATOM	4290	H2	HOH A	3	59.022	26.492	35.881	H
ATOM	4291	O	HOH A	1	58.202	26.153	57.692	O
ATOM	4292	H1	HOH A	2	58.212	25.227	58.012	H
ATOM	4293	H2	HOH A	3	59.015	26.594	58.013	H
ATOM	4294	O	HOH A	1	17.566	26.017	13.456	O
ATOM	4295	H1	HOH A	2	16.764	26.485	13.772	H
ATOM	4296	H2	HOH A	3	18.350	26.504	13.786	H
ATOM	4297	O	HOH A	1	17.547	26.002	35.611	O
ATOM	4298	H1	HOH A	2	16.753	26.484	35.924	H
ATOM	4299	H2	HOH A	3	18.339	26.477	35.938	H
ATOM	4300	O	HOH A	1	17.569	26.070	57.689	O
ATOM	4301	H1	HOH A	2	16.769	26.546	57.994	H
ATOM	4302	H2	HOH A	3	18.354	26.558	58.017	H
ATOM	4303	O	HOH A	1	40.172	26.171	13.425	O
ATOM	4304	H1	HOH A	2	39.378	26.646	13.748	H
ATOM	4305	H2	HOH A	3	40.964	26.654	13.742	H
ATOM	4306	O	HOH A	1	40.193	25.979	35.557	O
ATOM	4307	H1	HOH A	2	39.403	26.458	35.883	H
ATOM	4308	H2	HOH A	3	40.989	26.451	35.880	H
ATOM	4309	O	HOH A	1	40.165	26.189	57.650	O
ATOM	4310	H1	HOH A	2	39.368	26.668	57.961	H
ATOM	4311	H2	HOH A	3	40.954	26.671	57.973	H
ATOM	4312	O	HOH A	1	62.761	26.009	13.396	O
ATOM	4313	H1	HOH A	2	61.967	26.495	13.703	H
ATOM	4314	H2	HOH A	3	63.553	26.481	13.729	H
ATOM	4315	O	HOH A	1	62.763	26.012	35.549	O
ATOM	4316	H1	HOH A	2	61.964	26.488	35.859	H
ATOM	4317	H2	HOH A	3	63.550	26.489	35.887	H
ATOM	4318	O	HOH A	1	62.768	26.088	57.690	O
ATOM	4319	H1	HOH A	2	61.975	26.569	58.006	H
ATOM	4320	H2	HOH A	3	63.561	26.567	58.011	H
ATOM	4321	O	HOH A	1	1.753	29.934	13.429	O
ATOM	4322	H1	HOH A	2	1.765	29.004	13.739	H

ATOM	4323	H2	HOH A	3	1.746	29.926	12.449	H
ATOM	4324	O	HOH A	1	1.716	29.973	35.566	O
ATOM	4325	H1	HOH A	2	1.721	29.043	35.877	H
ATOM	4326	H2	HOH A	3	1.712	29.964	34.586	H
ATOM	4327	O	HOH A	1	1.732	30.022	57.704	O
ATOM	4328	H1	HOH A	2	1.750	29.094	58.016	H
ATOM	4329	H2	HOH A	3	1.718	30.012	56.724	H
ATOM	4330	O	HOH A	1	24.339	30.047	13.466	O
ATOM	4331	H1	HOH A	2	24.349	29.114	13.767	H
ATOM	4332	H2	HOH A	3	24.333	30.049	12.486	H
ATOM	4333	O	HOH A	1	24.324	29.944	35.601	O
ATOM	4334	H1	HOH A	2	24.334	29.015	35.912	H
ATOM	4335	H2	HOH A	3	24.319	29.935	34.621	H
ATOM	4336	O	HOH A	1	24.343	30.085	57.697	O
ATOM	4337	H1	HOH A	2	24.346	29.158	58.016	H
ATOM	4338	H2	HOH A	3	24.334	30.068	56.717	H
ATOM	4339	O	HOH A	1	46.934	30.103	13.384	O
ATOM	4340	H1	HOH A	2	46.947	29.173	13.693	H
ATOM	4341	H2	HOH A	3	46.919	30.097	12.404	H
ATOM	4342	O	HOH A	1	46.973	29.940	35.517	O
ATOM	4343	H1	HOH A	2	46.989	29.009	35.824	H
ATOM	4344	H2	HOH A	3	46.970	29.935	34.537	H
ATOM	4345	O	HOH A	1	46.936	30.131	57.646	O
ATOM	4346	H1	HOH A	2	46.944	29.202	57.960	H
ATOM	4347	H2	HOH A	3	46.931	30.119	56.666	H
ATOM	4348	O	HOH A	1	6.274	29.896	13.456	O
ATOM	4349	H1	HOH A	2	6.257	28.974	13.787	H
ATOM	4350	H2	HOH A	3	5.469	30.350	13.782	H
ATOM	4351	O	HOH A	1	6.240	29.927	35.599	O
ATOM	4352	H1	HOH A	2	6.231	29.007	35.938	H
ATOM	4353	H2	HOH A	3	5.432	30.377	35.922	H
ATOM	4354	O	HOH A	1	6.259	29.993	57.725	O
ATOM	4355	H1	HOH A	2	6.243	29.071	58.057	H
ATOM	4356	H2	HOH A	3	5.455	30.446	58.053	H
ATOM	4357	O	HOH A	1	28.858	30.049	13.466	O
ATOM	4358	H1	HOH A	2	28.855	29.128	13.800	H

ATOM	4359	H2	HOH A	3	28.053	30.496	13.804	H
ATOM	4360	O	HOH A	1	28.863	29.924	35.616	O
ATOM	4361	H1	HOH A	2	28.853	28.998	35.937	H
ATOM	4362	H2	HOH A	3	28.057	30.369	35.950	H
ATOM	4363	O	HOH A	1	28.873	30.084	57.692	O
ATOM	4364	H1	HOH A	2	28.871	29.163	58.026	H
ATOM	4365	H2	HOH A	3	28.064	30.528	58.022	H
ATOM	4366	O	HOH A	1	51.477	30.019	13.395	O
ATOM	4367	H1	HOH A	2	51.462	29.093	13.716	H
ATOM	4368	H2	HOH A	3	50.675	30.470	13.733	H
ATOM	4369	O	HOH A	1	51.497	29.930	35.540	O
ATOM	4370	H1	HOH A	2	51.485	29.006	35.867	H
ATOM	4371	H2	HOH A	3	50.689	30.378	35.865	H
ATOM	4372	O	HOH A	1	51.467	30.096	57.659	O
ATOM	4373	H1	HOH A	2	51.456	29.175	57.994	H
ATOM	4374	H2	HOH A	3	50.660	30.547	57.986	H
ATOM	4375	O	HOH A	1	10.783	29.914	13.493	O
ATOM	4376	H1	HOH A	2	9.975	30.380	13.796	H
ATOM	4377	H2	HOH A	3	10.785	29.917	12.513	H
ATOM	4378	O	HOH A	1	10.747	29.950	35.637	O
ATOM	4379	H1	HOH A	2	9.940	30.414	35.945	H
ATOM	4380	H2	HOH A	3	10.739	29.947	34.657	H
ATOM	4381	O	HOH A	1	10.764	30.003	57.746	O
ATOM	4382	H1	HOH A	2	9.960	30.470	58.056	H
ATOM	4383	H2	HOH A	3	10.754	30.000	56.766	H
ATOM	4384	O	HOH A	1	33.381	30.089	13.481	O
ATOM	4385	H1	HOH A	2	32.569	30.543	13.788	H
ATOM	4386	H2	HOH A	3	33.375	30.088	12.501	H
ATOM	4387	O	HOH A	1	33.393	29.928	35.616	O
ATOM	4388	H1	HOH A	2	32.587	30.394	35.924	H
ATOM	4389	H2	HOH A	3	33.383	29.923	34.636	H
ATOM	4390	O	HOH A	1	33.390	30.118	57.699	O
ATOM	4391	H1	HOH A	2	32.582	30.583	58.000	H
ATOM	4392	H2	HOH A	3	33.384	30.102	56.719	H
ATOM	4393	O	HOH A	1	55.978	29.995	13.417	O
ATOM	4394	H1	HOH A	2	55.176	30.465	13.729	H

ATOM	4395	H2	HOH A	3	55.970	30.001	12.437	H
ATOM	4396	O	HOH A	1	55.990	29.941	35.565	O
ATOM	4397	H1	HOH A	2	55.182	30.403	35.873	H
ATOM	4398	H2	HOH A	3	55.979	29.933	34.585	H
ATOM	4399	O	HOH A	1	55.977	30.066	57.700	O
ATOM	4400	H1	HOH A	2	55.173	30.540	57.997	H
ATOM	4401	H2	HOH A	3	55.976	30.053	56.720	H
ATOM	4402	O	HOH A	1	15.295	29.923	13.473	O
ATOM	4403	H1	HOH A	2	14.495	30.385	13.798	H
ATOM	4404	H2	HOH A	3	16.080	30.408	13.801	H
ATOM	4405	O	HOH A	1	15.259	29.934	35.624	O
ATOM	4406	H1	HOH A	2	14.465	30.407	35.950	H
ATOM	4407	H2	HOH A	3	16.050	30.411	35.950	H
ATOM	4408	O	HOH A	1	15.283	29.997	57.698	O
ATOM	4409	H1	HOH A	2	14.484	30.461	58.024	H
ATOM	4410	H2	HOH A	3	16.070	30.479	58.028	H
ATOM	4411	O	HOH A	1	37.876	30.107	13.434	O
ATOM	4412	H1	HOH A	2	37.082	30.570	13.772	H
ATOM	4413	H2	HOH A	3	38.667	30.590	13.752	H
ATOM	4414	O	HOH A	1	37.912	29.910	35.547	O
ATOM	4415	H1	HOH A	2	37.121	30.386	35.877	H
ATOM	4416	H2	HOH A	3	38.707	30.384	35.870	H
ATOM	4417	O	HOH A	1	37.892	30.117	57.654	O
ATOM	4418	H1	HOH A	2	37.096	30.588	57.980	H
ATOM	4419	H2	HOH A	3	38.682	30.600	57.976	H
ATOM	4420	O	HOH A	1	60.477	29.952	13.385	O
ATOM	4421	H1	HOH A	2	59.687	30.426	13.719	H
ATOM	4422	H2	HOH A	3	61.273	30.421	13.713	H
ATOM	4423	O	HOH A	1	60.481	29.929	35.544	O
ATOM	4424	H1	HOH A	2	59.687	30.401	35.872	H
ATOM	4425	H2	HOH A	3	61.272	30.408	35.867	H
ATOM	4426	O	HOH A	1	60.468	30.029	57.674	O
ATOM	4427	H1	HOH A	2	59.678	30.504	58.006	H
ATOM	4428	H2	HOH A	3	61.263	30.506	57.993	H
ATOM	4429	O	HOH A	1	19.819	29.959	13.495	O
ATOM	4430	H1	HOH A	2	19.025	30.439	13.813	H

ATOM	4431	H2	HOH A	3	20.611	30.439	13.816	H
ATOM	4432	O	HOH A	1	19.788	29.897	35.632	O
ATOM	4433	H1	HOH A	2	19.000	30.386	35.950	H
ATOM	4434	H2	HOH A	3	20.586	30.373	35.947	H
ATOM	4435	O	HOH A	1	19.824	30.008	57.728	O
ATOM	4436	H1	HOH A	2	19.029	30.491	58.037	H
ATOM	4437	H2	HOH A	3	20.615	30.493	58.044	H
ATOM	4438	O	HOH A	1	42.397	30.074	13.431	O
ATOM	4439	H1	HOH A	2	41.609	30.557	13.755	H
ATOM	4440	H2	HOH A	3	43.194	30.552	13.740	H
ATOM	4441	O	HOH A	1	42.451	29.889	35.557	O
ATOM	4442	H1	HOH A	2	41.659	30.369	35.876	H
ATOM	4443	H2	HOH A	3	43.245	30.369	35.873	H
ATOM	4444	O	HOH A	1	42.410	30.110	57.673	O
ATOM	4445	H1	HOH A	2	41.624	30.601	57.992	H
ATOM	4446	H2	HOH A	3	43.210	30.587	57.978	H
ATOM	4447	O	HOH A	1	65.022	29.907	13.436	O
ATOM	4448	H1	HOH A	2	64.233	30.399	13.748	H
ATOM	4449	H2	HOH A	3	65.819	30.382	13.753	H
ATOM	4450	O	HOH A	1	65.006	29.915	35.573	O
ATOM	4451	H1	HOH A	2	64.215	30.400	35.889	H
ATOM	4452	H2	HOH A	3	65.801	30.394	35.889	H
ATOM	4453	O	HOH A	1	64.990	30.007	57.725	O
ATOM	4454	H1	HOH A	2	64.208	30.508	58.037	H
ATOM	4455	H2	HOH A	3	65.793	30.478	58.031	H
ATOM	4456	O	HOH A	1	22.066	33.936	13.463	O
ATOM	4457	H1	HOH A	2	22.081	33.013	13.791	H
ATOM	4458	H2	HOH A	3	22.869	34.389	13.794	H
ATOM	4459	O	HOH A	1	22.038	33.870	35.584	O
ATOM	4460	H1	HOH A	2	22.056	32.947	35.911	H
ATOM	4461	H2	HOH A	3	22.844	34.323	35.910	H
ATOM	4462	O	HOH A	1	22.074	33.990	57.677	O
ATOM	4463	H1	HOH A	2	22.087	33.066	58.003	H
ATOM	4464	H2	HOH A	3	22.874	34.443	58.016	H
ATOM	4465	O	HOH A	1	44.654	34.030	13.381	O
ATOM	4466	H1	HOH A	2	44.671	33.105	13.702	H

ATOM	4467	H2	HOH A	3	45.457	34.481	13.716	H
ATOM	4468	O	HOH A	1	44.696	33.860	35.501	O
ATOM	4469	H1	HOH A	2	44.719	32.936	35.828	H
ATOM	4470	H2	HOH A	3	45.497	34.317	35.831	H
ATOM	4471	O	HOH A	1	44.658	34.058	57.619	O
ATOM	4472	H1	HOH A	2	44.681	33.134	57.946	H
ATOM	4473	H2	HOH A	3	45.461	34.515	57.945	H
ATOM	4474	O	HOH A	1	67.268	33.853	13.396	O
ATOM	4475	H1	HOH A	2	67.291	32.932	13.729	H
ATOM	4476	H2	HOH A	3	68.069	34.313	13.725	H
ATOM	4477	O	HOH A	1	67.240	33.891	35.544	O
ATOM	4478	H1	HOH A	2	67.253	32.967	35.869	H
ATOM	4479	H2	HOH A	3	68.042	34.342	35.881	H
ATOM	4480	O	HOH A	1	67.252	33.951	57.665	O
ATOM	4481	H1	HOH A	2	67.272	33.029	57.996	H
ATOM	4482	H2	HOH A	3	68.052	34.409	57.997	H
ATOM	4483	O	HOH A	1	3.999	33.816	13.457	O
ATOM	4484	H1	HOH A	2	3.991	32.889	13.773	H
ATOM	4485	H2	HOH A	3	3.990	33.802	12.477	H
ATOM	4486	O	HOH A	1	3.964	33.856	35.596	O
ATOM	4487	H1	HOH A	2	3.963	32.927	35.908	H
ATOM	4488	H2	HOH A	3	3.953	33.846	34.616	H
ATOM	4489	O	HOH A	1	3.965	33.915	57.723	O
ATOM	4490	H1	HOH A	2	3.957	32.984	58.030	H
ATOM	4491	H2	HOH A	3	3.952	33.911	56.743	H
ATOM	4492	O	HOH A	1	26.565	33.950	13.481	O
ATOM	4493	H1	HOH A	2	26.565	33.019	13.786	H
ATOM	4494	H2	HOH A	3	26.549	33.949	12.501	H
ATOM	4495	O	HOH A	1	26.572	33.845	35.618	O
ATOM	4496	H1	HOH A	2	26.565	32.914	35.923	H
ATOM	4497	H2	HOH A	3	26.564	33.843	34.638	H
ATOM	4498	O	HOH A	1	26.573	33.988	57.700	O
ATOM	4499	H1	HOH A	2	26.564	33.059	58.012	H
ATOM	4500	H2	HOH A	3	26.561	33.979	56.721	H
ATOM	4501	O	HOH A	1	49.174	33.971	13.405	O
ATOM	4502	H1	HOH A	2	49.166	33.037	13.701	H

ATOM	4503	H2	HOH A	3	49.155	33.978	12.425	H
ATOM	4504	O	HOH A	1	49.198	33.854	35.538	O
ATOM	4505	H1	HOH A	2	49.196	32.925	35.851	H
ATOM	4506	H2	HOH A	3	49.188	33.843	34.558	H
ATOM	4507	O	HOH A	1	49.167	34.027	57.657	O
ATOM	4508	H1	HOH A	2	49.159	33.095	57.960	H
ATOM	4509	H2	HOH A	3	49.151	34.026	56.677	H
ATOM	4510	O	HOH A	1	8.531	33.825	13.435	O
ATOM	4511	H1	HOH A	2	8.518	32.909	13.784	H
ATOM	4512	H2	HOH A	3	7.718	34.277	13.742	H
ATOM	4513	O	HOH A	1	8.482	33.867	35.576	O
ATOM	4514	H1	HOH A	2	8.467	32.951	35.925	H
ATOM	4515	H2	HOH A	3	7.671	34.322	35.885	H
ATOM	4516	O	HOH A	1	8.496	33.912	57.669	O
ATOM	4517	H1	HOH A	2	8.484	32.995	58.013	H
ATOM	4518	H2	HOH A	3	7.690	34.368	57.992	H
ATOM	4519	O	HOH A	1	31.099	33.989	13.428	O
ATOM	4520	H1	HOH A	2	31.093	33.070	13.767	H
ATOM	4521	H2	HOH A	3	30.290	34.437	13.751	H
ATOM	4522	O	HOH A	1	31.126	33.828	35.541	O
ATOM	4523	H1	HOH A	2	31.115	32.909	35.881	H
ATOM	4524	H2	HOH A	3	30.321	34.281	35.867	H
ATOM	4525	O	HOH A	1	31.112	34.019	57.647	O
ATOM	4526	H1	HOH A	2	31.101	33.103	57.996	H
ATOM	4527	H2	HOH A	3	30.301	34.472	57.959	H
ATOM	4528	O	HOH A	1	53.721	33.931	13.350	O
ATOM	4529	H1	HOH A	2	53.712	33.014	13.696	H
ATOM	4530	H2	HOH A	3	52.914	34.384	13.674	H
ATOM	4531	O	HOH A	1	53.734	33.853	35.495	O
ATOM	4532	H1	HOH A	2	53.721	32.940	35.850	H
ATOM	4533	H2	HOH A	3	52.924	34.310	35.804	H
ATOM	4534	O	HOH A	1	53.703	34.005	57.631	O
ATOM	4535	H1	HOH A	2	53.690	33.086	57.972	H
ATOM	4536	H2	HOH A	3	52.893	34.457	57.947	H
ATOM	4537	O	HOH A	1	13.023	33.846	13.469	O
ATOM	4538	H1	HOH A	2	13.011	32.918	13.784	H

ATOM	4539	H2	HOH A	3	12.217	34.290	13.805	H
ATOM	4540	O	HOH A	1	12.972	33.874	35.617	O
ATOM	4541	H1	HOH A	2	12.949	32.950	35.943	H
ATOM	4542	H2	HOH A	3	12.171	34.332	35.947	H
ATOM	4543	O	HOH A	1	13.006	33.919	57.700	O
ATOM	4544	H1	HOH A	2	12.994	32.995	58.026	H
ATOM	4545	H2	HOH A	3	12.203	34.368	58.037	H
ATOM	4546	O	HOH A	1	35.594	34.030	13.435	O
ATOM	4547	H1	HOH A	2	35.583	33.107	13.764	H
ATOM	4548	H2	HOH A	3	34.792	34.481	13.773	H
ATOM	4549	O	HOH A	1	35.626	33.847	35.556	O
ATOM	4550	H1	HOH A	2	35.610	32.922	35.879	H
ATOM	4551	H2	HOH A	3	34.827	34.301	35.898	H
ATOM	4552	O	HOH A	1	35.607	34.055	57.666	O
ATOM	4553	H1	HOH A	2	35.596	33.133	57.997	H
ATOM	4554	H2	HOH A	3	34.808	34.509	58.007	H
ATOM	4555	O	HOH A	1	58.209	33.906	13.398	O
ATOM	4556	H1	HOH A	2	58.188	32.982	13.721	H
ATOM	4557	H2	HOH A	3	57.411	34.364	13.737	H
ATOM	4558	O	HOH A	1	58.208	33.872	35.538	O
ATOM	4559	H1	HOH A	2	58.196	32.949	35.868	H
ATOM	4560	H2	HOH A	3	57.411	34.327	35.881	H
ATOM	4561	O	HOH A	1	58.196	33.990	57.676	O
ATOM	4562	H1	HOH A	2	58.185	33.071	58.015	H
ATOM	4563	H2	HOH A	3	57.397	34.447	58.012	H
ATOM	4564	O	HOH A	1	17.558	33.858	13.468	O
ATOM	4565	H1	HOH A	2	16.751	34.314	13.787	H
ATOM	4566	H2	HOH A	3	18.336	34.345	13.811	H
ATOM	4567	O	HOH A	1	17.521	33.837	35.583	O
ATOM	4568	H1	HOH A	2	16.721	34.303	35.907	H
ATOM	4569	H2	HOH A	3	18.307	34.320	35.914	H
ATOM	4570	O	HOH A	1	17.557	33.916	57.680	O
ATOM	4571	H1	HOH A	2	16.756	34.379	58.002	H
ATOM	4572	H2	HOH A	3	18.341	34.397	58.018	H
ATOM	4573	O	HOH A	1	40.127	34.005	13.396	O
ATOM	4574	H1	HOH A	2	39.330	34.480	13.713	H

ATOM	4575	H2	HOH A	3	40.916	34.479	13.733	H
ATOM	4576	O	HOH A	1	40.174	33.806	35.519	O
ATOM	4577	H1	HOH A	2	39.376	34.275	35.841	H
ATOM	4578	H2	HOH A	3	40.961	34.282	35.855	H
ATOM	4579	O	HOH A	1	40.144	34.019	57.629	O
ATOM	4580	H1	HOH A	2	39.348	34.490	57.954	H
ATOM	4581	H2	HOH A	3	40.934	34.494	57.960	H
ATOM	4582	O	HOH A	1	62.748	33.823	13.377	O
ATOM	4583	H1	HOH A	2	61.951	34.294	13.699	H
ATOM	4584	H2	HOH A	3	63.537	34.294	13.719	H
ATOM	4585	O	HOH A	1	62.731	33.824	35.515	O
ATOM	4586	H1	HOH A	2	61.928	34.291	35.827	H
ATOM	4587	H2	HOH A	3	63.513	34.302	35.863	H
ATOM	4588	O	HOH A	1	62.730	33.929	57.655	O
ATOM	4589	H1	HOH A	2	61.930	34.400	57.970	H
ATOM	4590	H2	HOH A	3	63.515	34.401	58.002	H
ATOM	4591	O	HOH A	1	1.736	37.751	13.423	O
ATOM	4592	H1	HOH A	2	2.536	38.215	13.749	H
ATOM	4593	H2	HOH A	3	1.754	37.766	12.444	H
ATOM	4594	O	HOH A	1	1.712	37.780	35.572	O
ATOM	4595	H1	HOH A	2	2.513	38.245	35.893	H
ATOM	4596	H2	HOH A	3	1.726	37.794	34.592	H
ATOM	4597	O	HOH A	1	1.704	37.848	57.700	O
ATOM	4598	H1	HOH A	2	2.515	38.302	58.013	H
ATOM	4599	H2	HOH A	3	1.710	37.860	56.720	H
ATOM	4600	O	HOH A	1	24.305	37.865	13.470	O
ATOM	4601	H1	HOH A	2	25.104	38.332	13.792	H
ATOM	4602	H2	HOH A	3	24.317	37.885	12.490	H
ATOM	4603	O	HOH A	1	24.313	37.763	35.596	O
ATOM	4604	H1	HOH A	2	25.116	38.222	35.919	H
ATOM	4605	H2	HOH A	3	24.329	37.778	34.616	H
ATOM	4606	O	HOH A	1	24.339	37.900	57.688	O
ATOM	4607	H1	HOH A	2	25.142	38.363	58.005	H
ATOM	4608	H2	HOH A	3	24.355	37.903	56.708	H
ATOM	4609	O	HOH A	1	46.909	37.914	13.385	O
ATOM	4610	H1	HOH A	2	47.715	38.369	13.708	H

ATOM	4611	H2	HOH A	3	46.919	37.938	12.406	H
ATOM	4612	O	HOH A	1	46.960	37.764	35.499	O
ATOM	4613	H1	HOH A	2	47.766	38.218	35.821	H
ATOM	4614	H2	HOH A	3	46.977	37.774	34.520	H
ATOM	4615	O	HOH A	1	46.924	37.957	57.630	O
ATOM	4616	H1	HOH A	2	47.729	38.416	57.950	H
ATOM	4617	H2	HOH A	3	46.943	37.962	56.650	H
ATOM	4618	O	HOH A	1	6.255	37.731	13.441	O
ATOM	4619	H1	HOH A	2	7.051	38.196	13.771	H
ATOM	4620	H2	HOH A	3	6.275	37.754	12.461	H
ATOM	4621	O	HOH A	1	6.225	37.777	35.592	O
ATOM	4622	H1	HOH A	2	7.024	38.245	35.914	H
ATOM	4623	H2	HOH A	3	6.239	37.792	34.612	H
ATOM	4624	O	HOH A	1	6.244	37.828	57.708	O
ATOM	4625	H1	HOH A	2	7.045	38.286	58.038	H
ATOM	4626	H2	HOH A	3	6.265	37.849	56.728	H
ATOM	4627	O	HOH A	1	28.833	37.887	13.456	O
ATOM	4628	H1	HOH A	2	29.630	38.349	13.789	H
ATOM	4629	H2	HOH A	3	28.851	37.919	12.476	H
ATOM	4630	O	HOH A	1	28.862	37.747	35.586	O
ATOM	4631	H1	HOH A	2	29.661	38.210	35.912	H
ATOM	4632	H2	HOH A	3	28.873	37.776	34.606	H
ATOM	4633	O	HOH A	1	28.869	37.908	57.680	O
ATOM	4634	H1	HOH A	2	29.669	38.373	58.002	H
ATOM	4635	H2	HOH A	3	28.880	37.928	56.700	H
ATOM	4636	O	HOH A	1	51.441	37.869	13.371	O
ATOM	4637	H1	HOH A	2	52.241	38.329	13.698	H
ATOM	4638	H2	HOH A	3	51.453	37.899	12.391	H
ATOM	4639	O	HOH A	1	51.487	37.766	35.508	O
ATOM	4640	H1	HOH A	2	52.287	38.227	35.837	H
ATOM	4641	H2	HOH A	3	51.510	37.783	34.528	H
ATOM	4642	O	HOH A	1	51.454	37.925	57.645	O
ATOM	4643	H1	HOH A	2	52.254	38.383	57.977	H
ATOM	4644	H2	HOH A	3	51.480	37.943	56.665	H
ATOM	4645	O	HOH A	1	10.776	37.761	13.458	O
ATOM	4646	H1	HOH A	2	10.765	36.838	13.785	H

ATOM	4647	H2	HOH A	3	10.798	37.736	12.479	H
ATOM	4648	O	HOH A	1	10.735	37.810	35.599	O
ATOM	4649	H1	HOH A	2	10.716	36.887	35.927	H
ATOM	4650	H2	HOH A	3	10.754	37.783	34.619	H
ATOM	4651	O	HOH A	1	10.761	37.841	57.699	O
ATOM	4652	H1	HOH A	2	10.754	36.918	58.028	H
ATOM	4653	H2	HOH A	3	10.770	37.813	56.720	H
ATOM	4654	O	HOH A	1	33.351	37.954	13.436	O
ATOM	4655	H1	HOH A	2	33.332	37.031	13.762	H
ATOM	4656	H2	HOH A	3	33.365	37.929	12.456	H
ATOM	4657	O	HOH A	1	33.390	37.782	35.546	O
ATOM	4658	H1	HOH A	2	33.382	36.854	35.861	H
ATOM	4659	H2	HOH A	3	33.402	37.769	34.566	H
ATOM	4660	O	HOH A	1	33.386	37.959	57.664	O
ATOM	4661	H1	HOH A	2	33.357	37.038	57.996	H
ATOM	4662	H2	HOH A	3	33.410	37.927	56.685	H
ATOM	4663	O	HOH A	1	55.965	37.861	13.370	O
ATOM	4664	H1	HOH A	2	55.956	36.940	13.704	H
ATOM	4665	H2	HOH A	3	55.972	37.828	12.390	H
ATOM	4666	O	HOH A	1	55.992	37.799	35.507	O
ATOM	4667	H1	HOH A	2	55.972	36.877	35.840	H
ATOM	4668	H2	HOH A	3	56.016	37.767	34.528	H
ATOM	4669	O	HOH A	1	55.963	37.934	57.662	O
ATOM	4670	H1	HOH A	2	55.942	37.010	57.990	H
ATOM	4671	H2	HOH A	3	55.974	37.908	56.683	H
ATOM	4672	O	HOH A	1	15.299	37.747	13.471	O
ATOM	4673	H1	HOH A	2	14.502	38.211	13.802	H
ATOM	4674	H2	HOH A	3	16.088	38.228	13.799	H
ATOM	4675	O	HOH A	1	15.272	37.746	35.618	O
ATOM	4676	H1	HOH A	2	14.483	38.222	35.951	H
ATOM	4677	H2	HOH A	3	16.069	38.217	35.941	H
ATOM	4678	O	HOH A	1	15.294	37.818	57.696	O
ATOM	4679	H1	HOH A	2	14.507	38.296	58.030	H
ATOM	4680	H2	HOH A	3	16.092	38.285	58.019	H
ATOM	4681	O	HOH A	1	37.891	37.929	13.423	O
ATOM	4682	H1	HOH A	2	37.103	38.403	13.763	H

ATOM	4683	H2	HOH A	3	38.689	38.393	13.752	H
ATOM	4684	O	HOH A	1	37.935	37.721	35.541	O
ATOM	4685	H1	HOH A	2	37.147	38.199	35.874	H
ATOM	4686	H2	HOH A	3	38.733	38.190	35.864	H
ATOM	4687	O	HOH A	1	37.903	37.929	57.645	O
ATOM	4688	H1	HOH A	2	37.114	38.401	57.983	H
ATOM	4689	H2	HOH A	3	38.699	38.400	57.966	H
ATOM	4690	O	HOH A	1	60.510	37.768	13.410	O
ATOM	4691	H1	HOH A	2	59.716	38.241	13.737	H
ATOM	4692	H2	HOH A	3	61.302	38.242	13.739	H
ATOM	4693	O	HOH A	1	60.508	37.742	35.540	O
ATOM	4694	H1	HOH A	2	59.718	38.221	35.866	H
ATOM	4695	H2	HOH A	3	61.304	38.210	35.870	H
ATOM	4696	O	HOH A	1	60.492	37.859	57.676	O
ATOM	4697	H1	HOH A	2	59.705	38.340	58.007	H
ATOM	4698	H2	HOH A	3	61.290	38.324	58.002	H
ATOM	4699	O	HOH A	1	19.810	37.830	13.440	O
ATOM	4700	H1	HOH A	2	19.830	36.911	13.779	H
ATOM	4701	H2	HOH A	3	20.604	38.294	13.777	H
ATOM	4702	O	HOH A	1	19.784	37.788	35.563	O
ATOM	4703	H1	HOH A	2	19.798	36.864	35.889	H
ATOM	4704	H2	HOH A	3	20.589	38.239	35.894	H
ATOM	4705	O	HOH A	1	19.824	37.868	57.658	O
ATOM	4706	H1	HOH A	2	19.843	36.947	57.991	H
ATOM	4707	H2	HOH A	3	20.617	38.331	57.999	H
ATOM	4708	O	HOH A	1	42.392	37.943	13.374	O
ATOM	4709	H1	HOH A	2	42.405	37.020	13.701	H
ATOM	4710	H2	HOH A	3	43.193	38.395	13.713	H
ATOM	4711	O	HOH A	1	42.452	37.764	35.479	O
ATOM	4712	H1	HOH A	2	42.473	36.841	35.809	H
ATOM	4713	H2	HOH A	3	43.247	38.226	35.817	H
ATOM	4714	O	HOH A	1	42.420	37.968	57.610	O
ATOM	4715	H1	HOH A	2	42.443	37.043	57.934	H
ATOM	4716	H2	HOH A	3	43.219	38.426	57.946	H
ATOM	4717	O	HOH A	1	65.017	37.782	13.389	O
ATOM	4718	H1	HOH A	2	65.020	36.856	13.712	H

ATOM	4719	H2	HOH A	3	65.824	38.222	13.729	H
ATOM	4720	O	HOH A	1	65.002	37.793	35.512	O
ATOM	4721	H1	HOH A	2	65.007	36.869	35.839	H
ATOM	4722	H2	HOH A	3	65.801	38.242	35.860	H
ATOM	4723	O	HOH A	1	65.006	37.865	57.654	O
ATOM	4724	H1	HOH A	2	65.014	36.941	57.982	H
ATOM	4725	H2	HOH A	3	65.806	38.315	57.998	H
ATOM	4726	O	HOH A	1	22.037	41.761	13.463	O
ATOM	4727	H1	HOH A	2	21.233	42.223	13.780	H
ATOM	4728	H2	HOH A	3	22.033	41.783	12.484	H
ATOM	4729	O	HOH A	1	22.026	41.684	35.588	O
ATOM	4730	H1	HOH A	2	21.230	42.156	35.913	H
ATOM	4731	H2	HOH A	3	22.010	41.703	34.608	H
ATOM	4732	O	HOH A	1	22.052	41.798	57.700	O
ATOM	4733	H1	HOH A	2	21.247	42.262	58.012	H
ATOM	4734	H2	HOH A	3	22.046	41.807	56.720	H
ATOM	4735	O	HOH A	1	44.630	41.830	13.403	O
ATOM	4736	H1	HOH A	2	43.844	42.313	13.731	H
ATOM	4737	H2	HOH A	3	44.619	41.862	12.424	H
ATOM	4738	O	HOH A	1	44.672	41.670	35.509	O
ATOM	4739	H1	HOH A	2	43.871	42.141	35.819	H
ATOM	4740	H2	HOH A	3	44.675	41.690	34.529	H
ATOM	4741	O	HOH A	1	44.650	41.874	57.640	O
ATOM	4742	H1	HOH A	2	43.853	42.347	57.960	H
ATOM	4743	H2	HOH A	3	44.639	41.890	56.661	H
ATOM	4744	O	HOH A	1	67.253	41.675	13.420	O
ATOM	4745	H1	HOH A	2	66.462	42.157	13.741	H
ATOM	4746	H2	HOH A	3	67.242	41.693	12.440	H
ATOM	4747	O	HOH A	1	67.239	41.693	35.556	O
ATOM	4748	H1	HOH A	2	66.446	42.175	35.872	H
ATOM	4749	H2	HOH A	3	67.226	41.700	34.577	H
ATOM	4750	O	HOH A	1	67.224	41.751	57.699	O
ATOM	4751	H1	HOH A	2	66.429	42.229	58.016	H
ATOM	4752	H2	HOH A	3	67.220	41.773	56.719	H
ATOM	4753	O	HOH A	1	4.007	41.627	13.404	O
ATOM	4754	H1	HOH A	2	3.209	42.096	13.726	H

ATOM	4755	H2	HOH A	3	4.794	42.100	13.744	H
ATOM	4756	O	HOH A	1	3.984	41.679	35.554	O
ATOM	4757	H1	HOH A	2	3.182	42.147	35.868	H
ATOM	4758	H2	HOH A	3	4.768	42.158	35.897	H
ATOM	4759	O	HOH A	1	3.975	41.719	57.680	O
ATOM	4760	H1	HOH A	2	3.176	42.190	57.997	H
ATOM	4761	H2	HOH A	3	4.761	42.192	58.023	H
ATOM	4762	O	HOH A	1	26.583	41.770	13.433	O
ATOM	4763	H1	HOH A	2	25.780	42.232	13.752	H
ATOM	4764	H2	HOH A	3	27.366	42.245	13.781	H
ATOM	4765	O	HOH A	1	26.595	41.638	35.551	O
ATOM	4766	H1	HOH A	2	25.793	42.104	35.868	H
ATOM	4767	H2	HOH A	3	27.378	42.119	35.891	H
ATOM	4768	O	HOH A	1	26.602	41.792	57.655	O
ATOM	4769	H1	HOH A	2	25.804	42.259	57.979	H
ATOM	4770	H2	HOH A	3	27.390	42.270	57.989	H
ATOM	4771	O	HOH A	1	49.181	41.775	13.351	O
ATOM	4772	H1	HOH A	2	48.383	42.243	13.675	H
ATOM	4773	H2	HOH A	3	49.969	42.248	13.692	H
ATOM	4774	O	HOH A	1	49.220	41.651	35.482	O
ATOM	4775	H1	HOH A	2	48.414	42.113	35.796	H
ATOM	4776	H2	HOH A	3	50.000	42.134	35.827	H
ATOM	4777	O	HOH A	1	49.190	41.830	57.620	O
ATOM	4778	H1	HOH A	2	48.389	42.299	57.934	H
ATOM	4779	H2	HOH A	3	49.974	42.308	57.960	H
ATOM	4780	O	HOH A	1	8.523	41.670	13.468	O
ATOM	4781	H1	HOH A	2	8.528	40.746	13.793	H
ATOM	4782	H2	HOH A	3	8.534	41.647	12.488	H
ATOM	4783	O	HOH A	1	8.471	41.719	35.608	O
ATOM	4784	H1	HOH A	2	8.477	40.793	35.927	H
ATOM	4785	H2	HOH A	3	8.479	41.702	34.628	H
ATOM	4786	O	HOH A	1	8.492	41.760	57.731	O
ATOM	4787	H1	HOH A	2	8.499	40.836	58.058	H
ATOM	4788	H2	HOH A	3	8.496	41.734	56.751	H
ATOM	4789	O	HOH A	1	31.092	41.841	13.473	O
ATOM	4790	H1	HOH A	2	31.101	40.912	13.787	H

ATOM	4791	H2	HOH A	3	31.102	41.829	12.493	H
ATOM	4792	O	HOH A	1	31.112	41.688	35.588	O
ATOM	4793	H1	HOH A	2	31.126	40.762	35.907	H
ATOM	4794	H2	HOH A	3	31.116	41.671	34.608	H
ATOM	4795	O	HOH A	1	31.114	41.863	57.681	O
ATOM	4796	H1	HOH A	2	31.128	40.941	58.011	H
ATOM	4797	H2	HOH A	3	31.115	41.834	56.701	H
ATOM	4798	O	HOH A	1	53.699	41.791	13.398	O
ATOM	4799	H1	HOH A	2	53.704	40.865	13.719	H
ATOM	4800	H2	HOH A	3	53.711	41.771	12.418	H
ATOM	4801	O	HOH A	1	53.725	41.714	35.537	O
ATOM	4802	H1	HOH A	2	53.739	40.788	35.856	H
ATOM	4803	H2	HOH A	3	53.733	41.697	34.557	H
ATOM	4804	O	HOH A	1	53.696	41.852	57.671	O
ATOM	4805	H1	HOH A	2	53.702	40.928	57.996	H
ATOM	4806	H2	HOH A	3	53.697	41.829	56.691	H
ATOM	4807	O	HOH A	1	13.034	41.684	13.511	O
ATOM	4808	H1	HOH A	2	13.026	40.753	13.817	H
ATOM	4809	H2	HOH A	3	13.032	41.681	12.531	H
ATOM	4810	O	HOH A	1	12.997	41.696	35.648	O
ATOM	4811	H1	HOH A	2	12.993	40.766	35.954	H
ATOM	4812	H2	HOH A	3	12.999	41.693	34.668	H
ATOM	4813	O	HOH A	1	13.012	41.766	57.743	O
ATOM	4814	H1	HOH A	2	13.009	40.833	58.042	H
ATOM	4815	H2	HOH A	3	13.005	41.769	56.763	H
ATOM	4816	O	HOH A	1	35.607	41.867	13.483	O
ATOM	4817	H1	HOH A	2	35.597	40.935	13.784	H
ATOM	4818	H2	HOH A	3	35.614	41.869	12.503	H
ATOM	4819	O	HOH A	1	35.647	41.678	35.594	O
ATOM	4820	H1	HOH A	2	35.646	40.745	35.893	H
ATOM	4821	H2	HOH A	3	35.648	41.682	34.614	H
ATOM	4822	O	HOH A	1	35.626	41.884	57.687	O
ATOM	4823	H1	HOH A	2	35.620	40.955	57.997	H
ATOM	4824	H2	HOH A	3	35.620	41.877	56.707	H
ATOM	4825	O	HOH A	1	58.228	41.735	13.431	O
ATOM	4826	H1	HOH A	2	58.218	40.804	13.739	H

ATOM	4827	H2	HOH A	3	58.230	41.730	12.451	H
ATOM	4828	O	HOH A	1	58.235	41.719	35.568	O
ATOM	4829	H1	HOH A	2	58.233	40.787	35.872	H
ATOM	4830	H2	HOH A	3	58.237	41.717	34.588	H
ATOM	4831	O	HOH A	1	58.220	41.831	57.695	O
ATOM	4832	H1	HOH A	2	58.208	40.901	58.003	H
ATOM	4833	H2	HOH A	3	58.224	41.827	56.715	H
ATOM	4834	O	HOH A	1	17.551	41.700	13.479	O
ATOM	4835	H1	HOH A	2	16.747	42.164	13.793	H
ATOM	4836	H2	HOH A	3	17.548	41.718	12.500	H
ATOM	4837	O	HOH A	1	17.528	41.676	35.625	O
ATOM	4838	H1	HOH A	2	16.723	42.143	35.932	H
ATOM	4839	H2	HOH A	3	17.525	41.682	34.645	H
ATOM	4840	O	HOH A	1	17.560	41.734	57.726	O
ATOM	4841	H1	HOH A	2	16.746	42.193	58.024	H
ATOM	4842	H2	HOH A	3	17.568	41.739	56.746	H
ATOM	4843	O	HOH A	1	40.141	41.828	13.442	O
ATOM	4844	H1	HOH A	2	39.337	42.290	13.759	H
ATOM	4845	H2	HOH A	3	40.137	41.849	12.462	H
ATOM	4846	O	HOH A	1	40.184	41.630	35.546	O
ATOM	4847	H1	HOH A	2	39.381	42.094	35.861	H
ATOM	4848	H2	HOH A	3	40.176	41.643	34.566	H
ATOM	4849	O	HOH A	1	40.161	41.848	57.675	O
ATOM	4850	H1	HOH A	2	39.354	42.310	57.985	H
ATOM	4851	H2	HOH A	3	40.155	41.851	56.695	H
ATOM	4852	O	HOH A	1	62.759	41.686	13.436	O
ATOM	4853	H1	HOH A	2	61.955	42.151	13.749	H
ATOM	4854	H2	HOH A	3	62.753	41.698	12.456	H
ATOM	4855	O	HOH A	1	62.762	41.674	35.554	O
ATOM	4856	H1	HOH A	2	61.959	42.147	35.859	H
ATOM	4857	H2	HOH A	3	62.765	41.682	34.574	H
ATOM	4858	O	HOH A	1	62.740	41.752	57.710	O
ATOM	4859	H1	HOH A	2	61.935	42.219	58.018	H
ATOM	4860	H2	HOH A	3	62.742	41.766	56.730	H
ATOM	4861	O	HOH A	1	1.763	45.609	10.658	O
ATOM	4862	H1	HOH A	2	1.750	44.689	10.322	H

ATOM	4863	H2	HOH A	3	0.958	46.063	10.330	H
ATOM	4864	O	HOH A	1	1.746	45.617	32.815	O
ATOM	4865	H1	HOH A	2	1.732	44.696	32.480	H
ATOM	4866	H2	HOH A	3	0.946	46.073	32.480	H
ATOM	4867	O	HOH A	1	1.733	45.674	54.941	O
ATOM	4868	H1	HOH A	2	1.719	44.755	54.599	H
ATOM	4869	H2	HOH A	3	0.932	46.132	54.609	H
ATOM	4870	O	HOH A	1	24.356	45.726	10.684	O
ATOM	4871	H1	HOH A	2	24.339	44.803	10.354	H
ATOM	4872	H2	HOH A	3	23.554	46.181	10.351	H
ATOM	4873	O	HOH A	1	24.350	45.613	32.823	O
ATOM	4874	H1	HOH A	2	24.326	44.693	32.486	H
ATOM	4875	H2	HOH A	3	23.548	46.074	32.500	H
ATOM	4876	O	HOH A	1	24.361	45.709	54.917	O
ATOM	4877	H1	HOH A	2	24.343	44.789	54.580	H
ATOM	4878	H2	HOH A	3	23.557	46.166	54.593	H
ATOM	4879	O	HOH A	1	46.946	45.774	10.620	O
ATOM	4880	H1	HOH A	2	46.923	44.856	10.278	H
ATOM	4881	H2	HOH A	3	46.149	46.240	10.292	H
ATOM	4882	O	HOH A	1	46.984	45.603	32.743	O
ATOM	4883	H1	HOH A	2	46.965	44.683	32.408	H
ATOM	4884	H2	HOH A	3	46.179	46.060	32.421	H
ATOM	4885	O	HOH A	1	46.951	45.775	54.881	O
ATOM	4886	H1	HOH A	2	46.935	44.854	54.545	H
ATOM	4887	H2	HOH A	3	46.149	46.232	54.551	H
ATOM	4888	O	HOH A	1	6.251	45.571	10.679	O
ATOM	4889	H1	HOH A	2	5.459	46.046	10.350	H
ATOM	4890	H2	HOH A	3	7.045	46.047	10.356	H
ATOM	4891	O	HOH A	1	6.217	45.608	32.819	O
ATOM	4892	H1	HOH A	2	5.427	46.085	32.488	H
ATOM	4893	H2	HOH A	3	7.013	46.078	32.496	H
ATOM	4894	O	HOH A	1	6.224	45.654	54.942	O
ATOM	4895	H1	HOH A	2	5.433	46.127	54.610	H
ATOM	4896	H2	HOH A	3	7.018	46.129	54.618	H
ATOM	4897	O	HOH A	1	28.835	45.754	10.686	O
ATOM	4898	H1	HOH A	2	28.042	46.227	10.356	H

ATOM	4899	H2	HOH A	3	29.628	46.226	10.356	H
ATOM	4900	O	HOH A	1	28.839	45.588	32.811	O
ATOM	4901	H1	HOH A	2	28.051	46.067	32.480	H
ATOM	4902	H2	HOH A	3	29.636	46.056	32.487	H
ATOM	4903	O	HOH A	1	28.840	45.718	54.902	O
ATOM	4904	H1	HOH A	2	28.046	46.184	54.566	H
ATOM	4905	H2	HOH A	3	29.631	46.193	54.572	H
ATOM	4906	O	HOH A	1	51.435	45.737	10.609	O
ATOM	4907	H1	HOH A	2	50.650	46.221	10.276	H
ATOM	4908	H2	HOH A	3	52.236	46.199	10.284	H
ATOM	4909	O	HOH A	1	51.465	45.609	32.741	O
ATOM	4910	H1	HOH A	2	50.676	46.083	32.404	H
ATOM	4911	H2	HOH A	3	52.261	46.082	32.421	H
ATOM	4912	O	HOH A	1	51.440	45.735	54.884	O
ATOM	4913	H1	HOH A	2	50.650	46.215	54.557	H
ATOM	4914	H2	HOH A	3	52.236	46.198	54.550	H
ATOM	4915	O	HOH A	1	10.796	45.575	10.670	O
ATOM	4916	H1	HOH A	2	9.993	46.037	10.350	H
ATOM	4917	H2	HOH A	3	11.578	46.068	10.348	H
ATOM	4918	O	HOH A	1	10.779	45.594	32.823	O
ATOM	4919	H1	HOH A	2	9.979	46.056	32.495	H
ATOM	4920	H2	HOH A	3	11.565	46.086	32.505	H
ATOM	4921	O	HOH A	1	10.782	45.664	54.945	O
ATOM	4922	H1	HOH A	2	9.986	46.133	54.619	H
ATOM	4923	H2	HOH A	3	11.572	46.143	54.618	H
ATOM	4924	O	HOH A	1	33.394	45.776	10.658	O
ATOM	4925	H1	HOH A	2	32.593	46.243	10.341	H
ATOM	4926	H2	HOH A	3	34.179	46.268	10.337	H
ATOM	4927	O	HOH A	1	33.411	45.598	32.798	O
ATOM	4928	H1	HOH A	2	32.609	46.066	32.485	H
ATOM	4929	H2	HOH A	3	34.194	46.090	32.473	H
ATOM	4930	O	HOH A	1	33.408	45.728	54.877	O
ATOM	4931	H1	HOH A	2	32.605	46.195	54.563	H
ATOM	4932	H2	HOH A	3	34.190	46.214	54.542	H
ATOM	4933	O	HOH A	1	55.982	45.681	10.607	O
ATOM	4934	H1	HOH A	2	55.191	46.161	10.284	H

ATOM	4935	H2	HOH A	3	56.777	46.158	10.287	H
ATOM	4936	O	HOH A	1	56.016	45.597	32.739	O
ATOM	4937	H1	HOH A	2	55.218	46.064	32.415	H
ATOM	4938	H2	HOH A	3	56.803	46.087	32.421	H
ATOM	4939	O	HOH A	1	56.006	45.715	54.889	O
ATOM	4940	H1	HOH A	2	55.211	46.185	54.563	H
ATOM	4941	H2	HOH A	3	56.796	46.195	54.564	H
ATOM	4942	O	HOH A	1	15.264	45.607	10.698	O
ATOM	4943	H1	HOH A	2	16.071	46.068	10.389	H
ATOM	4944	H2	HOH A	3	15.277	45.597	11.678	H
ATOM	4945	O	HOH A	1	15.242	45.589	32.861	O
ATOM	4946	H1	HOH A	2	16.052	46.041	32.546	H
ATOM	4947	H2	HOH A	3	15.253	45.596	33.841	H
ATOM	4948	O	HOH A	1	15.250	45.649	54.950	O
ATOM	4949	H1	HOH A	2	16.055	46.107	54.631	H
ATOM	4950	H2	HOH A	3	15.268	45.650	55.930	H
ATOM	4951	O	HOH A	1	37.856	45.783	10.668	O
ATOM	4952	H1	HOH A	2	38.664	46.236	10.349	H
ATOM	4953	H2	HOH A	3	37.878	45.776	11.647	H
ATOM	4954	O	HOH A	1	37.886	45.581	32.799	O
ATOM	4955	H1	HOH A	2	38.695	46.036	32.486	H
ATOM	4956	H2	HOH A	3	37.905	45.570	33.779	H
ATOM	4957	O	HOH A	1	37.869	45.735	54.905	O
ATOM	4958	H1	HOH A	2	38.679	46.185	54.587	H
ATOM	4959	H2	HOH A	3	37.882	45.742	55.884	H
ATOM	4960	O	HOH A	1	60.457	45.628	10.650	O
ATOM	4961	H1	HOH A	2	61.272	46.074	10.336	H
ATOM	4962	H2	HOH A	3	60.471	45.626	11.630	H
ATOM	4963	O	HOH A	1	60.471	45.583	32.779	O
ATOM	4964	H1	HOH A	2	61.282	46.035	32.466	H
ATOM	4965	H2	HOH A	3	60.482	45.586	33.759	H
ATOM	4966	O	HOH A	1	60.460	45.671	54.929	O
ATOM	4967	H1	HOH A	2	61.274	46.122	54.623	H
ATOM	4968	H2	HOH A	3	60.466	45.666	55.909	H
ATOM	4969	O	HOH A	1	19.847	45.664	10.698	O
ATOM	4970	H1	HOH A	2	19.038	46.105	10.364	H

ATOM	4971	H2	HOH A	3	20.623	46.156	10.356	H
ATOM	4972	O	HOH A	1	19.815	45.619	32.840	O
ATOM	4973	H1	HOH A	2	19.011	46.071	32.508	H
ATOM	4974	H2	HOH A	3	20.597	46.103	32.502	H
ATOM	4975	O	HOH A	1	19.836	45.675	54.937	O
ATOM	4976	H1	HOH A	2	19.034	46.128	54.602	H
ATOM	4977	H2	HOH A	3	20.619	46.159	54.603	H
ATOM	4978	O	HOH A	1	42.422	45.796	10.663	O
ATOM	4979	H1	HOH A	2	41.623	46.257	10.332	H
ATOM	4980	H2	HOH A	3	43.208	46.274	10.326	H
ATOM	4981	O	HOH A	1	42.455	45.591	32.779	O
ATOM	4982	H1	HOH A	2	41.653	46.049	32.450	H
ATOM	4983	H2	HOH A	3	43.239	46.072	32.441	H
ATOM	4984	O	HOH A	1	42.440	45.767	54.896	O
ATOM	4985	H1	HOH A	2	41.639	46.224	54.563	H
ATOM	4986	H2	HOH A	3	43.225	46.250	54.562	H
ATOM	4987	O	HOH A	1	65.024	45.610	10.665	O
ATOM	4988	H1	HOH A	2	64.223	46.062	10.328	H
ATOM	4989	H2	HOH A	3	65.808	46.088	10.323	H
ATOM	4990	O	HOH A	1	65.027	45.604	32.790	O
ATOM	4991	H1	HOH A	2	64.230	46.060	32.448	H
ATOM	4992	H2	HOH A	3	65.815	46.082	32.459	H
ATOM	4993	O	HOH A	1	65.016	45.673	54.954	O
ATOM	4994	H1	HOH A	2	64.215	46.130	54.621	H
ATOM	4995	H2	HOH A	3	65.801	46.158	54.622	H
ATOM	4996	O	HOH A	1	22.093	26.125	10.708	O
ATOM	4997	H1	HOH A	2	21.280	26.579	10.402	H
ATOM	4998	H2	HOH A	3	22.087	26.121	11.688	H
ATOM	4999	O	HOH A	1	22.064	26.046	32.842	O
ATOM	5000	H1	HOH A	2	21.258	26.513	32.537	H
ATOM	5001	H2	HOH A	3	22.058	26.041	33.822	H
ATOM	5002	O	HOH A	1	22.082	26.128	54.934	O
ATOM	5003	H1	HOH A	2	21.269	26.579	54.625	H
ATOM	5004	H2	HOH A	3	22.078	26.136	55.914	H
ATOM	5005	O	HOH A	1	44.680	26.222	10.641	O
ATOM	5006	H1	HOH A	2	43.873	26.690	10.342	H

ATOM	5007	H2	HOH A	3	44.680	26.212	11.621	H
ATOM	5008	O	HOH A	1	44.696	26.029	32.765	O
ATOM	5009	H1	HOH A	2	43.882	26.485	32.467	H
ATOM	5010	H2	HOH A	3	44.702	26.031	33.745	H
ATOM	5011	O	HOH A	1	44.683	26.201	54.892	O
ATOM	5012	H1	HOH A	2	43.876	26.665	54.586	H
ATOM	5013	H2	HOH A	3	44.679	26.201	55.872	H
ATOM	5014	O	HOH A	1	67.274	26.029	10.668	O
ATOM	5015	H1	HOH A	2	66.466	26.491	10.362	H
ATOM	5016	H2	HOH A	3	67.270	26.028	11.648	H
ATOM	5017	O	HOH A	1	67.278	26.039	32.813	O
ATOM	5018	H1	HOH A	2	66.472	26.497	32.494	H
ATOM	5019	H2	HOH A	3	67.261	26.045	33.793	H
ATOM	5020	O	HOH A	1	67.264	26.111	54.949	O
ATOM	5021	H1	HOH A	2	66.458	26.576	54.642	H
ATOM	5022	H2	HOH A	3	67.261	26.114	55.929	H
ATOM	5023	O	HOH A	1	3.996	26.054	10.652	O
ATOM	5024	H1	HOH A	2	4.011	25.133	10.318	H
ATOM	5025	H2	HOH A	3	4.805	26.506	10.332	H
ATOM	5026	O	HOH A	1	3.979	26.087	32.822	O
ATOM	5027	H1	HOH A	2	3.995	25.167	32.485	H
ATOM	5028	H2	HOH A	3	4.787	26.541	32.503	H
ATOM	5029	O	HOH A	1	3.975	26.127	54.946	O
ATOM	5030	H1	HOH A	2	3.986	25.203	54.620	H
ATOM	5031	H2	HOH A	3	4.780	26.576	54.613	H
ATOM	5032	O	HOH A	1	26.592	26.205	10.696	O
ATOM	5033	H1	HOH A	2	26.601	25.284	10.360	H
ATOM	5034	H2	HOH A	3	27.396	26.656	10.362	H
ATOM	5035	O	HOH A	1	26.585	26.078	32.829	O
ATOM	5036	H1	HOH A	2	26.591	25.157	32.494	H
ATOM	5037	H2	HOH A	3	27.400	26.521	32.512	H
ATOM	5038	O	HOH A	1	26.581	26.179	54.900	O
ATOM	5039	H1	HOH A	2	26.597	25.256	54.571	H
ATOM	5040	H2	HOH A	3	27.390	26.629	54.579	H
ATOM	5041	O	HOH A	1	49.176	26.225	10.624	O
ATOM	5042	H1	HOH A	2	49.180	25.304	10.291	H

ATOM	5043	H2	HOH A	3	49.989	26.668	10.302	H
ATOM	5044	O	HOH A	1	49.210	26.070	32.750	O
ATOM	5045	H1	HOH A	2	49.215	25.151	32.409	H
ATOM	5046	H2	HOH A	3	50.020	26.517	32.427	H
ATOM	5047	O	HOH A	1	49.194	26.222	54.890	O
ATOM	5048	H1	HOH A	2	49.198	25.300	54.559	H
ATOM	5049	H2	HOH A	3	50.006	26.664	54.565	H
ATOM	5050	O	HOH A	1	8.556	25.989	10.678	O
ATOM	5051	H1	HOH A	2	7.758	26.458	10.358	H
ATOM	5052	H2	HOH A	3	8.542	26.002	11.658	H
ATOM	5053	O	HOH A	1	8.514	26.011	32.835	O
ATOM	5054	H1	HOH A	2	7.721	26.490	32.516	H
ATOM	5055	H2	HOH A	3	8.496	26.015	33.815	H
ATOM	5056	O	HOH A	1	8.501	26.076	54.958	O
ATOM	5057	H1	HOH A	2	7.708	26.556	54.639	H
ATOM	5058	H2	HOH A	3	8.486	26.083	55.937	H
ATOM	5059	O	HOH A	1	31.126	26.182	10.684	O
ATOM	5060	H1	HOH A	2	30.328	26.657	10.371	H
ATOM	5061	H2	HOH A	3	31.111	26.177	11.663	H
ATOM	5062	O	HOH A	1	31.131	26.006	32.829	O
ATOM	5063	H1	HOH A	2	30.338	26.489	32.516	H
ATOM	5064	H2	HOH A	3	31.125	26.017	33.809	H
ATOM	5065	O	HOH A	1	31.146	26.134	54.908	O
ATOM	5066	H1	HOH A	2	30.344	26.601	54.593	H
ATOM	5067	H2	HOH A	3	31.141	26.149	55.888	H
ATOM	5068	O	HOH A	1	53.716	26.121	10.619	O
ATOM	5069	H1	HOH A	2	52.918	26.602	10.315	H
ATOM	5070	H2	HOH A	3	53.709	26.111	11.599	H
ATOM	5071	O	HOH A	1	53.747	26.008	32.767	O
ATOM	5072	H1	HOH A	2	52.949	26.479	32.448	H
ATOM	5073	H2	HOH A	3	53.729	26.011	33.747	H
ATOM	5074	O	HOH A	1	53.728	26.137	54.898	O
ATOM	5075	H1	HOH A	2	52.939	26.621	54.576	H
ATOM	5076	H2	HOH A	3	53.709	26.146	55.878	H
ATOM	5077	O	HOH A	1	13.084	26.051	10.699	O
ATOM	5078	H1	HOH A	2	13.078	25.130	10.362	H

ATOM	5079	H2	HOH A	3	13.064	26.014	11.678	H
ATOM	5080	O	HOH A	1	13.048	26.061	32.847	O
ATOM	5081	H1	HOH A	2	13.051	25.139	32.516	H
ATOM	5082	H2	HOH A	3	13.028	26.031	33.827	H
ATOM	5083	O	HOH A	1	13.060	26.113	54.957	O
ATOM	5084	H1	HOH A	2	13.055	25.192	54.621	H
ATOM	5085	H2	HOH A	3	13.056	26.078	55.936	H
ATOM	5086	O	HOH A	1	35.664	26.237	10.701	O
ATOM	5087	H1	HOH A	2	35.665	25.319	10.359	H
ATOM	5088	H2	HOH A	3	35.646	26.196	11.680	H
ATOM	5089	O	HOH A	1	35.690	26.050	32.819	O
ATOM	5090	H1	HOH A	2	35.692	25.128	32.486	H
ATOM	5091	H2	HOH A	3	35.677	26.019	33.798	H
ATOM	5092	O	HOH A	1	35.689	26.192	54.896	O
ATOM	5093	H1	HOH A	2	35.684	25.268	54.570	H
ATOM	5094	H2	HOH A	3	35.676	26.167	55.876	H
ATOM	5095	O	HOH A	1	58.255	26.117	10.628	O
ATOM	5096	H1	HOH A	2	58.262	25.197	10.291	H
ATOM	5097	H2	HOH A	3	58.238	26.081	11.607	H
ATOM	5098	O	HOH A	1	58.283	26.058	32.770	O
ATOM	5099	H1	HOH A	2	58.283	25.135	32.443	H
ATOM	5100	H2	HOH A	3	58.267	26.033	33.750	H
ATOM	5101	O	HOH A	1	58.265	26.161	54.919	O
ATOM	5102	H1	HOH A	2	58.269	25.239	54.588	H
ATOM	5103	H2	HOH A	3	58.241	26.131	55.899	H
ATOM	5104	O	HOH A	1	17.590	26.020	10.687	O
ATOM	5105	H1	HOH A	2	16.790	26.485	10.366	H
ATOM	5106	H2	HOH A	3	17.575	26.030	11.666	H
ATOM	5107	O	HOH A	1	17.550	26.001	32.837	O
ATOM	5108	H1	HOH A	2	16.752	26.473	32.521	H
ATOM	5109	H2	HOH A	3	17.543	26.016	33.817	H
ATOM	5110	O	HOH A	1	17.570	26.058	54.928	O
ATOM	5111	H1	HOH A	2	16.768	26.525	54.611	H
ATOM	5112	H2	HOH A	3	17.563	26.075	55.907	H
ATOM	5113	O	HOH A	1	40.166	26.185	10.650	O
ATOM	5114	H1	HOH A	2	39.365	26.654	10.333	H

ATOM	5115	H2	HOH A	3	40.157	26.199	11.630	H
ATOM	5116	O	HOH A	1	40.199	25.988	32.784	O
ATOM	5117	H1	HOH A	2	39.397	26.452	32.464	H
ATOM	5118	H2	HOH A	3	40.187	26.004	33.764	H
ATOM	5119	O	HOH A	1	40.176	26.143	54.880	O
ATOM	5120	H1	HOH A	2	39.377	26.612	54.561	H
ATOM	5121	H2	HOH A	3	40.168	26.164	55.859	H
ATOM	5122	O	HOH A	1	62.762	25.998	10.628	O
ATOM	5123	H1	HOH A	2	61.968	26.472	10.305	H
ATOM	5124	H2	HOH A	3	62.747	26.013	11.607	H
ATOM	5125	O	HOH A	1	62.769	25.987	32.772	O
ATOM	5126	H1	HOH A	2	61.972	26.463	32.457	H
ATOM	5127	H2	HOH A	3	62.765	26.005	33.752	H
ATOM	5128	O	HOH A	1	62.761	26.071	54.922	O
ATOM	5129	H1	HOH A	2	61.968	26.547	54.600	H
ATOM	5130	H2	HOH A	3	62.749	26.089	55.901	H
ATOM	5131	O	HOH A	1	1.736	29.956	10.675	O
ATOM	5132	H1	HOH A	2	1.714	29.034	10.345	H
ATOM	5133	H2	HOH A	3	0.940	30.418	10.336	H
ATOM	5134	O	HOH A	1	1.724	29.988	32.810	O
ATOM	5135	H1	HOH A	2	1.709	29.064	32.484	H
ATOM	5136	H2	HOH A	3	0.926	30.443	32.469	H
ATOM	5137	O	HOH A	1	1.717	30.034	54.951	O
ATOM	5138	H1	HOH A	2	1.699	29.112	54.619	H
ATOM	5139	H2	HOH A	3	0.921	30.494	54.611	H
ATOM	5140	O	HOH A	1	24.339	30.089	10.709	O
ATOM	5141	H1	HOH A	2	24.328	29.165	10.382	H
ATOM	5142	H2	HOH A	3	23.536	30.539	10.374	H
ATOM	5143	O	HOH A	1	24.341	29.978	32.846	O
ATOM	5144	H1	HOH A	2	24.325	29.055	32.516	H
ATOM	5145	H2	HOH A	3	23.539	30.432	32.513	H
ATOM	5146	O	HOH A	1	24.343	30.079	54.945	O
ATOM	5147	H1	HOH A	2	24.324	29.153	54.623	H
ATOM	5148	H2	HOH A	3	23.542	30.533	54.610	H
ATOM	5149	O	HOH A	1	46.930	30.153	10.624	O
ATOM	5150	H1	HOH A	2	46.913	29.230	10.296	H

ATOM	5151	H2	HOH A	3	46.132	30.610	10.286	H
ATOM	5152	O	HOH A	1	46.966	29.974	32.762	O
ATOM	5153	H1	HOH A	2	46.949	29.050	32.435	H
ATOM	5154	H2	HOH A	3	46.168	30.430	32.422	H
ATOM	5155	O	HOH A	1	46.939	30.138	54.893	O
ATOM	5156	H1	HOH A	2	46.928	29.214	54.568	H
ATOM	5157	H2	HOH A	3	46.138	30.588	54.553	H
ATOM	5158	O	HOH A	1	6.286	29.912	10.692	O
ATOM	5159	H1	HOH A	2	7.088	30.381	10.382	H
ATOM	5160	H2	HOH A	3	6.295	29.909	11.672	H
ATOM	5161	O	HOH A	1	6.255	29.944	32.834	O
ATOM	5162	H1	HOH A	2	7.062	30.411	32.533	H
ATOM	5163	H2	HOH A	3	6.253	29.945	33.814	H
ATOM	5164	O	HOH A	1	6.250	30.009	54.958	O
ATOM	5165	H1	HOH A	2	7.057	30.471	54.649	H
ATOM	5166	H2	HOH A	3	6.257	30.009	55.938	H
ATOM	5167	O	HOH A	1	28.872	30.095	10.697	O
ATOM	5168	H1	HOH A	2	29.675	30.568	10.393	H
ATOM	5169	H2	HOH A	3	28.873	30.096	11.677	H
ATOM	5170	O	HOH A	1	28.882	29.953	32.850	O
ATOM	5171	H1	HOH A	2	29.690	30.415	32.544	H
ATOM	5172	H2	HOH A	3	28.884	29.956	33.830	H
ATOM	5173	O	HOH A	1	28.887	30.060	54.932	O
ATOM	5174	H1	HOH A	2	29.692	30.525	54.621	H
ATOM	5175	H2	HOH A	3	28.885	30.081	55.911	H
ATOM	5176	O	HOH A	1	51.463	30.069	10.637	O
ATOM	5177	H1	HOH A	2	52.271	30.529	10.327	H
ATOM	5178	H2	HOH A	3	51.471	30.070	11.616	H
ATOM	5179	O	HOH A	1	51.518	29.946	32.767	O
ATOM	5180	H1	HOH A	2	52.320	30.415	32.457	H
ATOM	5181	H2	HOH A	3	51.521	29.955	33.747	H
ATOM	5182	O	HOH A	1	51.477	30.086	54.897	O
ATOM	5183	H1	HOH A	2	52.284	30.551	54.591	H
ATOM	5184	H2	HOH A	3	51.477	30.093	55.877	H
ATOM	5185	O	HOH A	1	10.801	29.913	10.734	O
ATOM	5186	H1	HOH A	2	10.817	28.992	10.400	H

ATOM	5187	H2	HOH A	3	11.601	30.370	10.401	H
ATOM	5188	O	HOH A	1	10.749	29.937	32.875	O
ATOM	5189	H1	HOH A	2	10.766	29.016	32.542	H
ATOM	5190	H2	HOH A	3	11.551	30.394	32.545	H
ATOM	5191	O	HOH A	1	10.758	29.993	54.989	O
ATOM	5192	H1	HOH A	2	10.777	29.068	54.666	H
ATOM	5193	H2	HOH A	3	11.560	30.446	54.655	H
ATOM	5194	O	HOH A	1	33.379	30.112	10.717	O
ATOM	5195	H1	HOH A	2	33.389	29.191	10.383	H
ATOM	5196	H2	HOH A	3	34.179	30.566	10.377	H
ATOM	5197	O	HOH A	1	33.393	29.925	32.851	O
ATOM	5198	H1	HOH A	2	33.400	29.001	32.524	H
ATOM	5199	H2	HOH A	3	34.194	30.374	32.509	H
ATOM	5200	O	HOH A	1	33.398	30.061	54.937	O
ATOM	5201	H1	HOH A	2	33.416	29.139	54.604	H
ATOM	5202	H2	HOH A	3	34.193	30.521	54.597	H
ATOM	5203	O	HOH A	1	55.964	30.013	10.657	O
ATOM	5204	H1	HOH A	2	55.974	29.091	10.325	H
ATOM	5205	H2	HOH A	3	56.762	30.467	10.315	H
ATOM	5206	O	HOH A	1	55.991	29.929	32.805	O
ATOM	5207	H1	HOH A	2	56.006	29.008	32.472	H
ATOM	5208	H2	HOH A	3	56.793	30.384	32.474	H
ATOM	5209	O	HOH A	1	55.972	30.047	54.945	O
ATOM	5210	H1	HOH A	2	55.988	29.124	54.617	H
ATOM	5211	H2	HOH A	3	56.773	30.501	54.611	H
ATOM	5212	O	HOH A	1	15.323	29.970	10.691	O
ATOM	5213	H1	HOH A	2	15.319	29.044	10.371	H
ATOM	5214	H2	HOH A	3	15.312	29.951	11.671	H
ATOM	5215	O	HOH A	1	15.263	29.964	32.846	O
ATOM	5216	H1	HOH A	2	15.264	29.038	32.524	H
ATOM	5217	H2	HOH A	3	15.265	29.944	33.826	H
ATOM	5218	O	HOH A	1	15.296	30.016	54.924	O
ATOM	5219	H1	HOH A	2	15.301	29.091	54.600	H
ATOM	5220	H2	HOH A	3	15.298	29.994	55.904	H
ATOM	5221	O	HOH A	1	37.890	30.148	10.653	O
ATOM	5222	H1	HOH A	2	37.884	29.221	10.335	H

ATOM	5223	H2	HOH A	3	37.886	30.132	11.633	H
ATOM	5224	O	HOH A	1	37.928	29.947	32.775	O
ATOM	5225	H1	HOH A	2	37.924	29.021	32.457	H
ATOM	5226	H2	HOH A	3	37.920	29.931	33.755	H
ATOM	5227	O	HOH A	1	37.905	30.112	54.873	O
ATOM	5228	H1	HOH A	2	37.904	29.185	54.554	H
ATOM	5229	H2	HOH A	3	37.897	30.095	55.853	H
ATOM	5230	O	HOH A	1	60.483	30.001	10.617	O
ATOM	5231	H1	HOH A	2	60.487	29.075	10.298	H
ATOM	5232	H2	HOH A	3	60.484	29.984	11.597	H
ATOM	5233	O	HOH A	1	60.509	29.946	32.765	O
ATOM	5234	H1	HOH A	2	60.508	29.018	32.450	H
ATOM	5235	H2	HOH A	3	60.504	29.933	33.744	H
ATOM	5236	O	HOH A	1	60.482	30.056	54.894	O
ATOM	5237	H1	HOH A	2	60.486	29.131	54.570	H
ATOM	5238	H2	HOH A	3	60.477	30.034	55.874	H
ATOM	5239	O	HOH A	1	19.834	29.996	10.716	O
ATOM	5240	H1	HOH A	2	19.036	30.465	10.395	H
ATOM	5241	H2	HOH A	3	19.811	29.992	11.696	H
ATOM	5242	O	HOH A	1	19.795	29.943	32.859	O
ATOM	5243	H1	HOH A	2	18.996	30.410	32.537	H
ATOM	5244	H2	HOH A	3	19.773	29.943	33.838	H
ATOM	5245	O	HOH A	1	19.822	30.013	54.947	O
ATOM	5246	H1	HOH A	2	19.021	30.483	54.633	H
ATOM	5247	H2	HOH A	3	19.809	30.015	55.927	H
ATOM	5248	O	HOH A	1	42.409	30.132	10.649	O
ATOM	5249	H1	HOH A	2	41.608	30.601	10.335	H
ATOM	5250	H2	HOH A	3	42.393	30.130	11.629	H
ATOM	5251	O	HOH A	1	42.467	29.928	32.779	O
ATOM	5252	H1	HOH A	2	41.666	30.395	32.463	H
ATOM	5253	H2	HOH A	3	42.451	29.925	33.759	H
ATOM	5254	O	HOH A	1	42.421	30.096	54.894	O
ATOM	5255	H1	HOH A	2	41.625	30.564	54.565	H
ATOM	5256	H2	HOH A	3	42.396	30.110	55.874	H
ATOM	5257	O	HOH A	1	65.015	29.937	10.658	O
ATOM	5258	H1	HOH A	2	64.219	30.413	10.340	H

ATOM	5259	H2	HOH A	3	64.997	29.939	11.638	H
ATOM	5260	O	HOH A	1	65.028	29.930	32.790	O
ATOM	5261	H1	HOH A	2	64.229	30.394	32.464	H
ATOM	5262	H2	HOH A	3	65.003	29.935	33.770	H
ATOM	5263	O	HOH A	1	65.005	30.025	54.941	O
ATOM	5264	H1	HOH A	2	64.209	30.494	54.616	H
ATOM	5265	H2	HOH A	3	64.979	30.029	55.921	H
ATOM	5266	O	HOH A	1	22.088	33.950	10.700	O
ATOM	5267	H1	HOH A	2	21.281	34.404	10.380	H
ATOM	5268	H2	HOH A	3	22.066	33.949	11.680	H
ATOM	5269	O	HOH A	1	22.047	33.874	32.823	O
ATOM	5270	H1	HOH A	2	21.241	34.330	32.501	H
ATOM	5271	H2	HOH A	3	22.030	33.887	33.803	H
ATOM	5272	O	HOH A	1	22.086	33.958	54.918	O
ATOM	5273	H1	HOH A	2	21.280	34.412	54.594	H
ATOM	5274	H2	HOH A	3	22.075	33.983	55.897	H
ATOM	5275	O	HOH A	1	44.666	34.060	10.625	O
ATOM	5276	H1	HOH A	2	43.865	34.524	10.304	H
ATOM	5277	H2	HOH A	3	44.646	34.064	11.605	H
ATOM	5278	O	HOH A	1	44.720	33.865	32.744	O
ATOM	5279	H1	HOH A	2	43.911	34.316	32.425	H
ATOM	5280	H2	HOH A	3	44.704	33.870	33.724	H
ATOM	5281	O	HOH A	1	44.672	34.031	54.860	O
ATOM	5282	H1	HOH A	2	43.874	34.496	54.533	H
ATOM	5283	H2	HOH A	3	44.653	34.050	55.840	H
ATOM	5284	O	HOH A	1	67.286	33.869	10.634	O
ATOM	5285	H1	HOH A	2	66.490	34.337	10.308	H
ATOM	5286	H2	HOH A	3	67.256	33.866	11.614	H
ATOM	5287	O	HOH A	1	67.257	33.887	32.785	O
ATOM	5288	H1	HOH A	2	66.456	34.350	32.462	H
ATOM	5289	H2	HOH A	3	67.238	33.897	33.765	H
ATOM	5290	O	HOH A	1	67.261	33.947	54.913	O
ATOM	5291	H1	HOH A	2	66.459	34.407	54.586	H
ATOM	5292	H2	HOH A	3	67.238	33.957	55.892	H
ATOM	5293	O	HOH A	1	4.012	33.848	10.692	O
ATOM	5294	H1	HOH A	2	4.008	32.928	10.356	H

ATOM	5295	H2	HOH A	3	3.210	34.298	10.354	H
ATOM	5296	O	HOH A	1	3.975	33.885	32.838	O
ATOM	5297	H1	HOH A	2	3.974	32.964	32.501	H
ATOM	5298	H2	HOH A	3	3.170	34.331	32.501	H
ATOM	5299	O	HOH A	1	3.969	33.940	54.956	O
ATOM	5300	H1	HOH A	2	3.964	33.019	54.620	H
ATOM	5301	H2	HOH A	3	3.163	34.387	54.623	H
ATOM	5302	O	HOH A	1	26.585	34.007	10.713	O
ATOM	5303	H1	HOH A	2	26.592	33.085	10.381	H
ATOM	5304	H2	HOH A	3	25.777	34.445	10.374	H
ATOM	5305	O	HOH A	1	26.585	33.877	32.853	O
ATOM	5306	H1	HOH A	2	26.592	32.957	32.515	H
ATOM	5307	H2	HOH A	3	25.772	34.314	32.522	H
ATOM	5308	O	HOH A	1	26.593	33.977	54.933	O
ATOM	5309	H1	HOH A	2	26.592	33.054	54.605	H
ATOM	5310	H2	HOH A	3	25.789	34.421	54.591	H
ATOM	5311	O	HOH A	1	49.176	34.039	10.642	O
ATOM	5312	H1	HOH A	2	49.181	33.119	10.306	H
ATOM	5313	H2	HOH A	3	48.370	34.481	10.302	H
ATOM	5314	O	HOH A	1	49.219	33.871	32.759	O
ATOM	5315	H1	HOH A	2	49.226	32.951	32.419	H
ATOM	5316	H2	HOH A	3	48.412	34.312	32.422	H
ATOM	5317	O	HOH A	1	49.186	34.029	54.896	O
ATOM	5318	H1	HOH A	2	49.190	33.105	54.569	H
ATOM	5319	H2	HOH A	3	48.379	34.468	54.554	H
ATOM	5320	O	HOH A	1	8.515	33.804	10.673	O
ATOM	5321	H1	HOH A	2	9.318	34.272	10.363	H
ATOM	5322	H2	HOH A	3	8.523	33.804	11.653	H
ATOM	5323	O	HOH A	1	8.472	33.854	32.806	O
ATOM	5324	H1	HOH A	2	9.276	34.324	32.500	H
ATOM	5325	H2	HOH A	3	8.476	33.855	33.786	H
ATOM	5326	O	HOH A	1	8.473	33.897	54.906	O
ATOM	5327	H1	HOH A	2	9.279	34.361	54.596	H
ATOM	5328	H2	HOH A	3	8.478	33.903	55.886	H
ATOM	5329	O	HOH A	1	31.086	34.008	10.657	O
ATOM	5330	H1	HOH A	2	31.888	34.478	10.348	H

ATOM	5331	H2	HOH A	3	31.096	34.004	11.637	H
ATOM	5332	O	HOH A	1	31.096	33.846	32.781	O
ATOM	5333	H1	HOH A	2	31.897	34.319	32.470	H
ATOM	5334	H2	HOH A	3	31.109	33.842	33.761	H
ATOM	5335	O	HOH A	1	31.113	33.974	54.882	O
ATOM	5336	H1	HOH A	2	31.916	34.441	54.568	H
ATOM	5337	H2	HOH A	3	31.118	33.989	55.862	H
ATOM	5338	O	HOH A	1	53.675	33.945	10.582	O
ATOM	5339	H1	HOH A	2	54.483	34.405	10.271	H
ATOM	5340	H2	HOH A	3	53.689	33.940	11.562	H
ATOM	5341	O	HOH A	1	53.720	33.846	32.727	O
ATOM	5342	H1	HOH A	2	54.523	34.314	32.414	H
ATOM	5343	H2	HOH A	3	53.731	33.848	33.707	H
ATOM	5344	O	HOH A	1	53.689	33.975	54.872	O
ATOM	5345	H1	HOH A	2	54.496	34.436	54.560	H
ATOM	5346	H2	HOH A	3	53.695	33.982	55.852	H
ATOM	5347	O	HOH A	1	13.001	33.859	10.702	O
ATOM	5348	H1	HOH A	2	13.796	34.332	10.379	H
ATOM	5349	H2	HOH A	3	13.018	33.873	11.682	H
ATOM	5350	O	HOH A	1	12.961	33.860	32.846	O
ATOM	5351	H1	HOH A	2	13.758	34.330	32.523	H
ATOM	5352	H2	HOH A	3	12.976	33.879	33.826	H
ATOM	5353	O	HOH A	1	12.975	33.918	54.936	O
ATOM	5354	H1	HOH A	2	13.771	34.385	54.606	H
ATOM	5355	H2	HOH A	3	12.998	33.936	55.915	H
ATOM	5356	O	HOH A	1	35.572	34.048	10.667	O
ATOM	5357	H1	HOH A	2	36.365	34.520	10.336	H
ATOM	5358	H2	HOH A	3	35.597	34.062	11.646	H
ATOM	5359	O	HOH A	1	35.593	33.853	32.786	O
ATOM	5360	H1	HOH A	2	36.386	34.318	32.447	H
ATOM	5361	H2	HOH A	3	35.623	33.878	33.765	H
ATOM	5362	O	HOH A	1	35.581	34.000	54.892	O
ATOM	5363	H1	HOH A	2	36.380	34.463	54.564	H
ATOM	5364	H2	HOH A	3	35.598	34.024	55.872	H
ATOM	5365	O	HOH A	1	58.174	33.918	10.632	O
ATOM	5366	H1	HOH A	2	58.974	34.385	10.309	H

ATOM	5367	H2	HOH A	3	58.193	33.927	11.611	H
ATOM	5368	O	HOH A	1	58.194	33.856	32.760	O
ATOM	5369	H1	HOH A	2	58.992	34.322	32.434	H
ATOM	5370	H2	HOH A	3	58.211	33.875	33.740	H
ATOM	5371	O	HOH A	1	58.177	33.965	54.919	O
ATOM	5372	H1	HOH A	2	58.973	34.434	54.594	H
ATOM	5373	H2	HOH A	3	58.193	33.986	55.899	H
ATOM	5374	O	HOH A	1	17.576	33.914	10.691	O
ATOM	5375	H1	HOH A	2	16.764	34.360	10.371	H
ATOM	5376	H2	HOH A	3	17.558	33.918	11.671	H
ATOM	5377	O	HOH A	1	17.529	33.867	32.818	O
ATOM	5378	H1	HOH A	2	16.718	34.318	32.504	H
ATOM	5379	H2	HOH A	3	17.516	33.867	33.798	H
ATOM	5380	O	HOH A	1	17.551	33.957	54.909	O
ATOM	5381	H1	HOH A	2	16.741	34.406	54.589	H
ATOM	5382	H2	HOH A	3	17.533	33.961	55.889	H
ATOM	5383	O	HOH A	1	40.151	34.079	10.628	O
ATOM	5384	H1	HOH A	2	39.350	34.542	10.305	H
ATOM	5385	H2	HOH A	3	40.125	34.078	11.608	H
ATOM	5386	O	HOH A	1	40.191	33.867	32.743	O
ATOM	5387	H1	HOH A	2	39.384	34.315	32.415	H
ATOM	5388	H2	HOH A	3	40.168	33.878	33.722	H
ATOM	5389	O	HOH A	1	40.165	34.032	54.866	O
ATOM	5390	H1	HOH A	2	39.357	34.480	54.540	H
ATOM	5391	H2	HOH A	3	40.143	34.041	55.845	H
ATOM	5392	O	HOH A	1	62.769	33.909	10.616	O
ATOM	5393	H1	HOH A	2	61.962	34.364	10.298	H
ATOM	5394	H2	HOH A	3	62.749	33.905	11.596	H
ATOM	5395	O	HOH A	1	62.762	33.869	32.747	O
ATOM	5396	H1	HOH A	2	61.956	34.322	32.420	H
ATOM	5397	H2	HOH A	3	62.738	33.878	33.727	H
ATOM	5398	O	HOH A	1	62.753	33.982	54.891	O
ATOM	5399	H1	HOH A	2	61.948	34.440	54.569	H
ATOM	5400	H2	HOH A	3	62.732	33.986	55.870	H
ATOM	5401	O	HOH A	1	1.712	37.774	10.656	O
ATOM	5402	H1	HOH A	2	1.720	36.852	10.325	H

ATOM	5403	H2	HOH A	3	2.528	38.216	10.341	H
ATOM	5404	O	HOH A	1	1.692	37.811	32.796	O
ATOM	5405	H1	HOH A	2	1.704	36.888	32.467	H
ATOM	5406	H2	HOH A	3	2.505	38.256	32.477	H
ATOM	5407	O	HOH A	1	1.673	37.855	54.933	O
ATOM	5408	H1	HOH A	2	1.680	36.935	54.596	H
ATOM	5409	H2	HOH A	3	2.485	38.301	54.612	H
ATOM	5410	O	HOH A	1	24.295	37.910	10.697	O
ATOM	5411	H1	HOH A	2	24.312	36.987	10.366	H
ATOM	5412	H2	HOH A	3	25.103	38.362	10.376	H
ATOM	5413	O	HOH A	1	24.279	37.782	32.832	O
ATOM	5414	H1	HOH A	2	24.287	36.859	32.502	H
ATOM	5415	H2	HOH A	3	25.091	38.225	32.510	H
ATOM	5416	O	HOH A	1	24.317	37.887	54.914	O
ATOM	5417	H1	HOH A	2	24.328	36.965	54.582	H
ATOM	5418	H2	HOH A	3	25.122	38.338	54.585	H
ATOM	5419	O	HOH A	1	46.886	37.971	10.616	O
ATOM	5420	H1	HOH A	2	46.892	37.049	10.282	H
ATOM	5421	H2	HOH A	3	47.701	38.413	10.300	H
ATOM	5422	O	HOH A	1	46.938	37.792	32.731	O
ATOM	5423	H1	HOH A	2	46.947	36.873	32.392	H
ATOM	5424	H2	HOH A	3	47.753	38.238	32.418	H
ATOM	5425	O	HOH A	1	46.907	37.949	54.861	O
ATOM	5426	H1	HOH A	2	46.909	37.025	54.532	H
ATOM	5427	H2	HOH A	3	47.720	38.388	54.535	H
ATOM	5428	O	HOH A	1	6.286	37.765	10.674	O
ATOM	5429	H1	HOH A	2	6.279	36.840	10.351	H
ATOM	5430	H2	HOH A	3	5.476	38.207	10.343	H
ATOM	5431	O	HOH A	1	6.248	37.805	32.819	O
ATOM	5432	H1	HOH A	2	6.247	36.881	32.494	H
ATOM	5433	H2	HOH A	3	5.440	38.245	32.482	H
ATOM	5434	O	HOH A	1	6.249	37.854	54.940	O
ATOM	5435	H1	HOH A	2	6.243	36.927	54.623	H
ATOM	5436	H2	HOH A	3	5.432	38.290	54.618	H
ATOM	5437	O	HOH A	1	28.858	37.949	10.686	O
ATOM	5438	H1	HOH A	2	28.854	37.024	10.364	H

ATOM	5439	H2	HOH A	3	28.049	38.389	10.351	H
ATOM	5440	O	HOH A	1	28.872	37.794	32.819	O
ATOM	5441	H1	HOH A	2	28.869	36.868	32.499	H
ATOM	5442	H2	HOH A	3	28.055	38.229	32.496	H
ATOM	5443	O	HOH A	1	28.871	37.898	54.909	O
ATOM	5444	H1	HOH A	2	28.866	36.973	54.587	H
ATOM	5445	H2	HOH A	3	28.058	38.338	54.581	H
ATOM	5446	O	HOH A	1	51.452	37.937	10.596	O
ATOM	5447	H1	HOH A	2	51.448	37.013	10.271	H
ATOM	5448	H2	HOH A	3	50.640	38.377	10.269	H
ATOM	5449	O	HOH A	1	51.511	37.790	32.737	O
ATOM	5450	H1	HOH A	2	51.510	36.866	32.412	H
ATOM	5451	H2	HOH A	3	50.700	38.229	32.407	H
ATOM	5452	O	HOH A	1	51.468	37.940	54.875	O
ATOM	5453	H1	HOH A	2	51.467	37.014	54.555	H
ATOM	5454	H2	HOH A	3	50.655	38.376	54.544	H
ATOM	5455	O	HOH A	1	10.789	37.773	10.692	O
ATOM	5456	H1	HOH A	2	10.791	36.853	10.356	H
ATOM	5457	H2	HOH A	3	11.594	38.220	10.357	H
ATOM	5458	O	HOH A	1	10.755	37.799	32.832	O
ATOM	5459	H1	HOH A	2	10.763	36.879	32.495	H
ATOM	5460	H2	HOH A	3	11.561	38.249	32.504	H
ATOM	5461	O	HOH A	1	10.754	37.849	54.934	O
ATOM	5462	H1	HOH A	2	10.761	36.927	54.601	H
ATOM	5463	H2	HOH A	3	11.561	38.296	54.603	H
ATOM	5464	O	HOH A	1	33.359	37.973	10.668	O
ATOM	5465	H1	HOH A	2	33.364	37.051	10.336	H
ATOM	5466	H2	HOH A	3	34.162	38.421	10.330	H
ATOM	5467	O	HOH A	1	33.386	37.804	32.771	O
ATOM	5468	H1	HOH A	2	33.390	36.882	32.439	H
ATOM	5469	H2	HOH A	3	34.189	38.252	32.431	H
ATOM	5470	O	HOH A	1	33.388	37.936	54.887	O
ATOM	5471	H1	HOH A	2	33.401	37.015	54.552	H
ATOM	5472	H2	HOH A	3	34.188	38.391	54.551	H
ATOM	5473	O	HOH A	1	55.961	37.863	10.604	O
ATOM	5474	H1	HOH A	2	55.966	36.945	10.263	H

ATOM	5475	H2	HOH A	3	56.771	38.311	10.283	H
ATOM	5476	O	HOH A	1	56.007	37.797	32.735	O
ATOM	5477	H1	HOH A	2	56.017	36.877	32.399	H
ATOM	5478	H2	HOH A	3	56.810	38.250	32.403	H
ATOM	5479	O	HOH A	1	55.961	37.922	54.893	O
ATOM	5480	H1	HOH A	2	55.970	36.998	54.567	H
ATOM	5481	H2	HOH A	3	56.769	38.367	54.563	H
ATOM	5482	O	HOH A	1	15.316	37.797	10.702	O
ATOM	5483	H1	HOH A	2	14.515	38.266	10.387	H
ATOM	5484	H2	HOH A	3	15.306	37.805	11.681	H
ATOM	5485	O	HOH A	1	15.265	37.772	32.849	O
ATOM	5486	H1	HOH A	2	14.467	38.246	32.534	H
ATOM	5487	H2	HOH A	3	15.256	37.783	33.829	H
ATOM	5488	O	HOH A	1	15.281	37.843	54.935	O
ATOM	5489	H1	HOH A	2	14.481	38.315	54.622	H
ATOM	5490	H2	HOH A	3	15.279	37.860	55.915	H
ATOM	5491	O	HOH A	1	37.878	37.971	10.656	O
ATOM	5492	H1	HOH A	2	37.078	38.444	10.345	H
ATOM	5493	H2	HOH A	3	37.875	37.982	11.636	H
ATOM	5494	O	HOH A	1	37.919	37.769	32.774	O
ATOM	5495	H1	HOH A	2	37.124	38.249	32.462	H
ATOM	5496	H2	HOH A	3	37.912	37.777	33.754	H
ATOM	5497	O	HOH A	1	37.892	37.909	54.874	O
ATOM	5498	H1	HOH A	2	37.096	38.385	54.559	H
ATOM	5499	H2	HOH A	3	37.895	37.938	55.853	H
ATOM	5500	O	HOH A	1	60.478	37.804	10.652	O
ATOM	5501	H1	HOH A	2	59.679	38.279	10.342	H
ATOM	5502	H2	HOH A	3	60.475	37.814	11.632	H
ATOM	5503	O	HOH A	1	60.498	37.771	32.766	O
ATOM	5504	H1	HOH A	2	59.705	38.252	32.450	H
ATOM	5505	H2	HOH A	3	60.491	37.784	33.745	H
ATOM	5506	O	HOH A	1	60.467	37.882	54.908	O
ATOM	5507	H1	HOH A	2	59.669	38.356	54.593	H
ATOM	5508	H2	HOH A	3	60.460	37.896	55.888	H
ATOM	5509	O	HOH A	1	19.818	37.860	10.676	O
ATOM	5510	H1	HOH A	2	19.818	36.934	10.355	H

ATOM	5511	H2	HOH A	3	19.836	37.841	11.656	H
ATOM	5512	O	HOH A	1	19.782	37.799	32.802	O
ATOM	5513	H1	HOH A	2	19.778	36.873	32.481	H
ATOM	5514	H2	HOH A	3	19.797	37.780	33.781	H
ATOM	5515	O	HOH A	1	19.809	37.876	54.901	O
ATOM	5516	H1	HOH A	2	19.809	36.948	54.586	H
ATOM	5517	H2	HOH A	3	19.832	37.863	55.880	H
ATOM	5518	O	HOH A	1	42.400	37.993	10.613	O
ATOM	5519	H1	HOH A	2	42.394	37.068	10.290	H
ATOM	5520	H2	HOH A	3	42.420	37.972	11.593	H
ATOM	5521	O	HOH A	1	42.448	37.793	32.722	O
ATOM	5522	H1	HOH A	2	42.450	36.863	32.410	H
ATOM	5523	H2	HOH A	3	42.470	37.783	33.701	H
ATOM	5524	O	HOH A	1	42.428	37.972	54.846	O
ATOM	5525	H1	HOH A	2	42.422	37.042	54.539	H
ATOM	5526	H2	HOH A	3	42.451	37.967	55.826	H
ATOM	5527	O	HOH A	1	65.011	37.827	10.633	O
ATOM	5528	H1	HOH A	2	65.017	36.901	10.311	H
ATOM	5529	H2	HOH A	3	65.027	37.807	11.613	H
ATOM	5530	O	HOH A	1	65.010	37.817	32.743	O
ATOM	5531	H1	HOH A	2	65.004	36.890	32.426	H
ATOM	5532	H2	HOH A	3	65.019	37.802	33.723	H
ATOM	5533	O	HOH A	1	64.992	37.892	54.889	O
ATOM	5534	H1	HOH A	2	64.990	36.966	54.568	H
ATOM	5535	H2	HOH A	3	65.013	37.872	55.869	H
ATOM	5536	O	HOH A	1	22.084	41.791	10.691	O
ATOM	5537	H1	HOH A	2	22.070	40.870	10.358	H
ATOM	5538	H2	HOH A	3	21.282	42.246	10.358	H
ATOM	5539	O	HOH A	1	22.072	41.708	32.822	O
ATOM	5540	H1	HOH A	2	22.042	40.784	32.496	H
ATOM	5541	H2	HOH A	3	21.280	42.175	32.482	H
ATOM	5542	O	HOH A	1	22.093	41.799	54.934	O
ATOM	5543	H1	HOH A	2	22.073	40.875	54.609	H
ATOM	5544	H2	HOH A	3	21.293	42.255	54.600	H
ATOM	5545	O	HOH A	1	44.679	41.892	10.633	O
ATOM	5546	H1	HOH A	2	44.650	40.971	10.300	H

ATOM	5547	H2	HOH A	3	43.886	42.360	10.297	H
ATOM	5548	O	HOH A	1	44.722	41.710	32.744	O
ATOM	5549	H1	HOH A	2	44.689	40.787	32.415	H
ATOM	5550	H2	HOH A	3	43.926	42.177	32.415	H
ATOM	5551	O	HOH A	1	44.685	41.869	54.881	O
ATOM	5552	H1	HOH A	2	44.668	40.946	54.552	H
ATOM	5553	H2	HOH A	3	43.891	42.329	54.536	H
ATOM	5554	O	HOH A	1	67.300	41.714	10.658	O
ATOM	5555	H1	HOH A	2	67.277	40.792	10.325	H
ATOM	5556	H2	HOH A	3	66.504	42.176	10.324	H
ATOM	5557	O	HOH A	1	67.285	41.715	32.787	O
ATOM	5558	H1	HOH A	2	67.261	40.794	32.452	H
ATOM	5559	H2	HOH A	3	66.492	42.180	32.448	H
ATOM	5560	O	HOH A	1	67.263	41.781	54.937	O
ATOM	5561	H1	HOH A	2	67.238	40.860	54.601	H
ATOM	5562	H2	HOH A	3	66.468	42.246	54.602	H
ATOM	5563	O	HOH A	1	4.010	41.635	10.654	O
ATOM	5564	H1	HOH A	2	3.205	42.100	10.343	H
ATOM	5565	H2	HOH A	3	4.008	41.648	11.633	H
ATOM	5566	O	HOH A	1	3.997	41.668	32.789	O
ATOM	5567	H1	HOH A	2	3.193	42.132	32.475	H
ATOM	5568	H2	HOH A	3	3.993	41.686	33.769	H
ATOM	5569	O	HOH A	1	3.980	41.718	54.920	O
ATOM	5570	H1	HOH A	2	3.173	42.180	54.609	H
ATOM	5571	H2	HOH A	3	3.981	41.736	55.900	H
ATOM	5572	O	HOH A	1	26.604	41.795	10.676	O
ATOM	5573	H1	HOH A	2	25.796	42.253	10.363	H
ATOM	5574	H2	HOH A	3	26.600	41.809	11.656	H
ATOM	5575	O	HOH A	1	26.593	41.640	32.799	O
ATOM	5576	H1	HOH A	2	25.792	42.114	32.494	H
ATOM	5577	H2	HOH A	3	26.598	41.654	33.779	H
ATOM	5578	O	HOH A	1	26.608	41.770	54.901	O
ATOM	5579	H1	HOH A	2	25.802	42.234	54.590	H
ATOM	5580	H2	HOH A	3	26.611	41.791	55.880	H
ATOM	5581	O	HOH A	1	49.186	41.816	10.592	O
ATOM	5582	H1	HOH A	2	48.384	42.288	10.282	H

ATOM	5583	H2	HOH A	3	49.179	41.818	11.572	H
ATOM	5584	O	HOH A	1	49.240	41.652	32.725	O
ATOM	5585	H1	HOH A	2	48.437	42.115	32.408	H
ATOM	5586	H2	HOH A	3	49.234	41.669	33.704	H
ATOM	5587	O	HOH A	1	49.200	41.809	54.867	O
ATOM	5588	H1	HOH A	2	48.398	42.280	54.560	H
ATOM	5589	H2	HOH A	3	49.204	41.824	55.847	H
ATOM	5590	O	HOH A	1	8.541	41.685	10.690	O
ATOM	5591	H1	HOH A	2	8.523	40.759	10.369	H
ATOM	5592	H2	HOH A	3	7.731	42.133	10.367	H
ATOM	5593	O	HOH A	1	8.508	41.710	32.828	O
ATOM	5594	H1	HOH A	2	8.480	40.781	32.518	H
ATOM	5595	H2	HOH A	3	7.703	42.163	32.501	H
ATOM	5596	O	HOH A	1	8.510	41.758	54.958	O
ATOM	5597	H1	HOH A	2	8.491	40.831	54.641	H
ATOM	5598	H2	HOH A	3	7.701	42.206	54.635	H
ATOM	5599	O	HOH A	1	31.119	41.870	10.694	O
ATOM	5600	H1	HOH A	2	31.095	40.943	10.376	H
ATOM	5601	H2	HOH A	3	30.308	42.320	10.377	H
ATOM	5602	O	HOH A	1	31.131	41.705	32.813	O
ATOM	5603	H1	HOH A	2	31.118	40.781	32.488	H
ATOM	5604	H2	HOH A	3	30.317	42.149	32.495	H
ATOM	5605	O	HOH A	1	31.135	41.823	54.905	O
ATOM	5606	H1	HOH A	2	31.116	40.895	54.592	H
ATOM	5607	H2	HOH A	3	30.325	42.269	54.579	H
ATOM	5608	O	HOH A	1	53.722	41.808	10.626	O
ATOM	5609	H1	HOH A	2	53.699	40.882	10.305	H
ATOM	5610	H2	HOH A	3	52.916	42.261	10.300	H
ATOM	5611	O	HOH A	1	53.747	41.710	32.761	O
ATOM	5612	H1	HOH A	2	53.730	40.783	32.444	H
ATOM	5613	H2	HOH A	3	52.933	42.154	32.444	H
ATOM	5614	O	HOH A	1	53.721	41.839	54.898	O
ATOM	5615	H1	HOH A	2	53.704	40.913	54.578	H
ATOM	5616	H2	HOH A	3	52.911	42.286	54.576	H
ATOM	5617	O	HOH A	1	13.037	41.681	10.742	O
ATOM	5618	H1	HOH A	2	12.243	42.144	10.401	H

ATOM	5619	H2	HOH A	3	13.829	42.152	10.408	H
ATOM	5620	O	HOH A	1	13.007	41.690	32.873	O
ATOM	5621	H1	HOH A	2	12.221	42.160	32.525	H
ATOM	5622	H2	HOH A	3	13.806	42.153	32.546	H
ATOM	5623	O	HOH A	1	13.012	41.755	54.983	O
ATOM	5624	H1	HOH A	2	12.225	42.227	54.640	H
ATOM	5625	H2	HOH A	3	13.811	42.219	54.655	H
ATOM	5626	O	HOH A	1	35.617	41.867	10.707	O
ATOM	5627	H1	HOH A	2	34.827	42.339	10.370	H
ATOM	5628	H2	HOH A	3	36.413	42.334	10.376	H
ATOM	5629	O	HOH A	1	35.653	41.687	32.825	O
ATOM	5630	H1	HOH A	2	34.863	42.160	32.491	H
ATOM	5631	H2	HOH A	3	36.448	42.154	32.492	H
ATOM	5632	O	HOH A	1	35.635	41.832	54.918	O
ATOM	5633	H1	HOH A	2	34.845	42.302	54.578	H
ATOM	5634	H2	HOH A	3	36.431	42.296	54.584	H
ATOM	5635	O	HOH A	1	58.217	41.741	10.669	O
ATOM	5636	H1	HOH A	2	57.433	42.224	10.334	H
ATOM	5637	H2	HOH A	3	59.019	42.202	10.344	H
ATOM	5638	O	HOH A	1	58.250	41.701	32.797	O
ATOM	5639	H1	HOH A	2	57.462	42.173	32.455	H
ATOM	5640	H2	HOH A	3	59.047	42.164	32.465	H
ATOM	5641	O	HOH A	1	58.226	41.799	54.935	O
ATOM	5642	H1	HOH A	2	57.441	42.275	54.593	H
ATOM	5643	H2	HOH A	3	59.027	42.258	54.605	H
ATOM	5644	O	HOH A	1	17.557	41.746	10.706	O
ATOM	5645	H1	HOH A	2	17.588	40.821	10.384	H
ATOM	5646	H2	HOH A	3	18.357	42.208	10.379	H
ATOM	5647	O	HOH A	1	17.541	41.697	32.855	O
ATOM	5648	H1	HOH A	2	17.565	40.771	32.534	H
ATOM	5649	H2	HOH A	3	18.342	42.153	32.523	H
ATOM	5650	O	HOH A	1	17.560	41.761	54.968	O
ATOM	5651	H1	HOH A	2	17.582	40.839	54.634	H
ATOM	5652	H2	HOH A	3	18.357	42.223	54.633	H
ATOM	5653	O	HOH A	1	40.151	41.894	10.666	O
ATOM	5654	H1	HOH A	2	40.172	40.973	10.333	H

ATOM	5655	H2	HOH A	3	40.952	42.354	10.339	H
ATOM	5656	O	HOH A	1	40.188	41.680	32.779	O
ATOM	5657	H1	HOH A	2	40.214	40.757	32.449	H
ATOM	5658	H2	HOH A	3	40.986	42.142	32.449	H
ATOM	5659	O	HOH A	1	40.165	41.840	54.901	O
ATOM	5660	H1	HOH A	2	40.193	40.916	54.574	H
ATOM	5661	H2	HOH A	3	40.963	42.302	54.571	H
ATOM	5662	O	HOH A	1	62.752	41.722	10.676	O
ATOM	5663	H1	HOH A	2	62.764	40.799	10.348	H
ATOM	5664	H2	HOH A	3	63.555	42.173	10.342	H
ATOM	5665	O	HOH A	1	62.764	41.687	32.783	O
ATOM	5666	H1	HOH A	2	62.790	40.762	32.460	H
ATOM	5667	H2	HOH A	3	63.568	42.144	32.458	H
ATOM	5668	O	HOH A	1	62.752	41.784	54.946	O
ATOM	5669	H1	HOH A	2	62.770	40.859	54.621	H
ATOM	5670	H2	HOH A	3	63.553	42.238	54.611	H
ATOM	5671	O	HOH A	1	22.092	47.003	9.774	O
ATOM	5672	H1	HOH A	2	22.088	47.930	10.093	H
ATOM	5673	H2	HOH A	3	22.098	47.020	8.794	H
ATOM	5674	O	HOH A	1	22.083	46.916	31.917	O
ATOM	5675	H1	HOH A	2	22.073	47.844	32.233	H
ATOM	5676	H2	HOH A	3	22.094	46.930	30.937	H
ATOM	5677	O	HOH A	1	22.089	46.993	54.023	O
ATOM	5678	H1	HOH A	2	22.079	47.925	54.324	H
ATOM	5679	H2	HOH A	3	22.094	46.990	53.043	H
ATOM	5680	O	HOH A	1	44.678	47.095	9.731	O
ATOM	5681	H1	HOH A	2	44.669	48.022	10.048	H
ATOM	5682	H2	HOH A	3	44.684	47.110	8.751	H
ATOM	5683	O	HOH A	1	44.707	46.894	31.846	O
ATOM	5684	H1	HOH A	2	44.698	47.822	32.162	H
ATOM	5685	H2	HOH A	3	44.715	46.908	30.866	H
ATOM	5686	O	HOH A	1	44.691	47.073	53.980	O
ATOM	5687	H1	HOH A	2	44.682	48.006	54.277	H
ATOM	5688	H2	HOH A	3	44.698	47.067	53.000	H
ATOM	5689	O	HOH A	1	67.291	46.902	9.749	O
ATOM	5690	H1	HOH A	2	67.276	47.831	10.061	H

ATOM	5691	H2	HOH A	3	67.310	46.911	8.769	H
ATOM	5692	O	HOH A	1	67.290	46.904	31.887	O
ATOM	5693	H1	HOH A	2	67.285	47.832	32.201	H
ATOM	5694	H2	HOH A	3	67.300	46.915	30.907	H
ATOM	5695	O	HOH A	1	67.272	46.985	54.031	O
ATOM	5696	H1	HOH A	2	67.269	47.915	54.339	H
ATOM	5697	H2	HOH A	3	67.278	46.990	53.051	H
ATOM	5698	O	HOH A	1	4.013	46.913	9.748	O
ATOM	5699	H1	HOH A	2	3.200	46.456	10.050	H
ATOM	5700	H2	HOH A	3	4.011	46.917	8.768	H
ATOM	5701	O	HOH A	1	3.977	46.954	31.892	O
ATOM	5702	H1	HOH A	2	3.171	46.483	32.191	H
ATOM	5703	H2	HOH A	3	3.980	46.956	30.912	H
ATOM	5704	O	HOH A	1	3.986	46.980	54.023	O
ATOM	5705	H1	HOH A	2	3.176	46.520	54.327	H
ATOM	5706	H2	HOH A	3	3.978	46.990	53.043	H
ATOM	5707	O	HOH A	1	26.593	47.069	9.753	O
ATOM	5708	H1	HOH A	2	25.792	46.594	10.055	H
ATOM	5709	H2	HOH A	3	26.585	47.084	8.773	H
ATOM	5710	O	HOH A	1	26.597	46.938	31.898	O
ATOM	5711	H1	HOH A	2	25.792	46.466	32.198	H
ATOM	5712	H2	HOH A	3	26.592	46.953	30.918	H
ATOM	5713	O	HOH A	1	26.596	47.036	53.979	O
ATOM	5714	H1	HOH A	2	25.790	46.569	54.285	H
ATOM	5715	H2	HOH A	3	26.593	47.031	52.999	H
ATOM	5716	O	HOH A	1	49.196	47.090	9.697	O
ATOM	5717	H1	HOH A	2	48.387	46.626	10.000	H
ATOM	5718	H2	HOH A	3	49.190	47.100	8.717	H
ATOM	5719	O	HOH A	1	49.218	46.937	31.812	O
ATOM	5720	H1	HOH A	2	48.416	46.466	32.120	H
ATOM	5721	H2	HOH A	3	49.206	46.947	30.832	H
ATOM	5722	O	HOH A	1	49.203	47.080	53.961	O
ATOM	5723	H1	HOH A	2	48.395	46.620	54.271	H
ATOM	5724	H2	HOH A	3	49.198	47.075	52.981	H
ATOM	5725	O	HOH A	1	8.520	46.857	9.772	O
ATOM	5726	H1	HOH A	2	8.521	47.784	10.092	H

ATOM	5727	H2	HOH A	3	8.522	46.874	8.793	H
ATOM	5728	O	HOH A	1	8.500	46.877	31.935	O
ATOM	5729	H1	HOH A	2	8.485	47.802	32.257	H
ATOM	5730	H2	HOH A	3	8.505	46.897	30.955	H
ATOM	5731	O	HOH A	1	8.493	46.941	54.056	O
ATOM	5732	H1	HOH A	2	8.477	47.869	54.373	H
ATOM	5733	H2	HOH A	3	8.498	46.956	53.076	H
ATOM	5734	O	HOH A	1	31.106	47.044	9.779	O
ATOM	5735	H1	HOH A	2	31.092	47.970	10.101	H
ATOM	5736	H2	HOH A	3	31.101	47.065	8.799	H
ATOM	5737	O	HOH A	1	31.125	46.871	31.926	O
ATOM	5738	H1	HOH A	2	31.108	47.800	32.241	H
ATOM	5739	H2	HOH A	3	31.126	46.883	30.946	H
ATOM	5740	O	HOH A	1	31.123	46.997	54.006	O
ATOM	5741	H1	HOH A	2	31.111	47.925	54.319	H
ATOM	5742	H2	HOH A	3	31.127	47.007	53.026	H
ATOM	5743	O	HOH A	1	53.715	46.991	9.713	O
ATOM	5744	H1	HOH A	2	53.703	47.920	10.025	H
ATOM	5745	H2	HOH A	3	53.717	47.001	8.733	H
ATOM	5746	O	HOH A	1	53.746	46.880	31.854	O
ATOM	5747	H1	HOH A	2	53.732	47.806	32.176	H
ATOM	5748	H2	HOH A	3	53.748	46.900	30.875	H
ATOM	5749	O	HOH A	1	53.723	46.999	53.991	O
ATOM	5750	H1	HOH A	2	53.709	47.930	54.297	H
ATOM	5751	H2	HOH A	3	53.725	47.002	53.011	H
ATOM	5752	O	HOH A	1	13.031	46.932	9.768	O
ATOM	5753	H1	HOH A	2	13.835	46.468	10.081	H
ATOM	5754	H2	HOH A	3	13.034	46.916	8.788	H
ATOM	5755	O	HOH A	1	13.031	46.941	31.929	O
ATOM	5756	H1	HOH A	2	13.831	46.472	32.247	H
ATOM	5757	H2	HOH A	3	13.035	46.917	30.949	H
ATOM	5758	O	HOH A	1	13.026	46.992	54.023	O
ATOM	5759	H1	HOH A	2	13.825	46.521	54.341	H
ATOM	5760	H2	HOH A	3	13.026	46.961	53.043	H
ATOM	5761	O	HOH A	1	35.633	47.131	9.755	O
ATOM	5762	H1	HOH A	2	36.429	46.656	10.071	H

ATOM	5763	H2	HOH A	3	35.638	47.113	8.775	H
ATOM	5764	O	HOH A	1	35.657	46.938	31.897	O
ATOM	5765	H1	HOH A	2	36.452	46.461	32.215	H
ATOM	5766	H2	HOH A	3	35.662	46.915	30.917	H
ATOM	5767	O	HOH A	1	35.656	47.066	53.969	O
ATOM	5768	H1	HOH A	2	36.451	46.600	54.302	H
ATOM	5769	H2	HOH A	3	35.672	47.030	52.989	H
ATOM	5770	O	HOH A	1	58.249	46.998	9.710	O
ATOM	5771	H1	HOH A	2	59.046	46.524	10.028	H
ATOM	5772	H2	HOH A	3	58.257	46.980	8.730	H
ATOM	5773	O	HOH A	1	58.263	46.941	31.839	O
ATOM	5774	H1	HOH A	2	59.058	46.469	32.161	H
ATOM	5775	H2	HOH A	3	58.270	46.914	30.859	H
ATOM	5776	O	HOH A	1	58.253	47.040	53.991	O
ATOM	5777	H1	HOH A	2	59.048	46.563	54.309	H
ATOM	5778	H2	HOH A	3	58.256	47.014	53.011	H
ATOM	5779	O	HOH A	1	17.545	46.877	9.789	O
ATOM	5780	H1	HOH A	2	17.549	47.810	10.091	H
ATOM	5781	H2	HOH A	3	17.543	46.877	8.809	H
ATOM	5782	O	HOH A	1	17.517	46.861	31.936	O
ATOM	5783	H1	HOH A	2	17.514	47.790	32.247	H
ATOM	5784	H2	HOH A	3	17.522	46.870	30.956	H
ATOM	5785	O	HOH A	1	17.532	46.907	54.030	O
ATOM	5786	H1	HOH A	2	17.533	47.839	54.334	H
ATOM	5787	H2	HOH A	3	17.543	46.909	53.050	H
ATOM	5788	O	HOH A	1	40.131	47.049	9.754	O
ATOM	5789	H1	HOH A	2	40.131	47.978	10.065	H
ATOM	5790	H2	HOH A	3	40.144	47.057	8.774	H
ATOM	5791	O	HOH A	1	40.162	46.844	31.884	O
ATOM	5792	H1	HOH A	2	40.167	47.773	32.196	H
ATOM	5793	H2	HOH A	3	40.162	46.854	30.904	H
ATOM	5794	O	HOH A	1	40.147	47.000	53.985	O
ATOM	5795	H1	HOH A	2	40.144	47.932	54.286	H
ATOM	5796	H2	HOH A	3	40.156	46.998	53.005	H
ATOM	5797	O	HOH A	1	62.747	46.858	9.733	O
ATOM	5798	H1	HOH A	2	62.747	47.789	10.040	H

ATOM	5799	H2	HOH A	3	62.758	46.862	8.753	H
ATOM	5800	O	HOH A	1	62.743	46.845	31.868	O
ATOM	5801	H1	HOH A	2	62.736	47.773	32.182	H
ATOM	5802	H2	HOH A	3	62.746	46.856	30.888	H
ATOM	5803	O	HOH A	1	62.739	46.928	54.022	O
ATOM	5804	H1	HOH A	2	62.733	47.861	54.323	H
ATOM	5805	H2	HOH A	3	62.752	46.926	53.042	H
ATOM	5806	O	HOH A	1	1.723	27.352	9.738	O
ATOM	5807	H1	HOH A	2	2.527	26.884	10.047	H
ATOM	5808	H2	HOH A	3	0.941	26.872	10.084	H
ATOM	5809	O	HOH A	1	1.716	27.374	31.893	O
ATOM	5810	H1	HOH A	2	2.520	26.910	32.207	H
ATOM	5811	H2	HOH A	3	0.935	26.894	32.240	H
ATOM	5812	O	HOH A	1	1.715	27.421	54.023	O
ATOM	5813	H1	HOH A	2	2.511	26.946	54.340	H
ATOM	5814	H2	HOH A	3	0.926	26.954	54.368	H
ATOM	5815	O	HOH A	1	24.322	27.486	9.778	O
ATOM	5816	H1	HOH A	2	25.126	27.020	10.089	H
ATOM	5817	H2	HOH A	3	23.541	27.003	10.117	H
ATOM	5818	O	HOH A	1	24.311	27.368	31.920	O
ATOM	5819	H1	HOH A	2	25.111	26.897	32.231	H
ATOM	5820	H2	HOH A	3	23.526	26.894	32.266	H
ATOM	5821	O	HOH A	1	24.315	27.468	54.000	O
ATOM	5822	H1	HOH A	2	25.115	26.996	54.311	H
ATOM	5823	H2	HOH A	3	23.530	26.992	54.344	H
ATOM	5824	O	HOH A	1	46.919	27.540	9.700	O
ATOM	5825	H1	HOH A	2	47.718	27.068	10.014	H
ATOM	5826	H2	HOH A	3	46.132	27.069	10.046	H
ATOM	5827	O	HOH A	1	46.943	27.361	31.838	O
ATOM	5828	H1	HOH A	2	47.743	26.891	32.151	H
ATOM	5829	H2	HOH A	3	46.158	26.885	32.181	H
ATOM	5830	O	HOH A	1	46.932	27.523	53.971	O
ATOM	5831	H1	HOH A	2	47.732	27.054	54.289	H
ATOM	5832	H2	HOH A	3	46.147	27.050	54.317	H
ATOM	5833	O	HOH A	1	6.300	27.308	9.767	O
ATOM	5834	H1	HOH A	2	6.319	28.234	10.089	H

ATOM	5835	H2	HOH A	3	6.296	27.329	8.787	H
ATOM	5836	O	HOH A	1	6.272	27.348	31.914	O
ATOM	5837	H1	HOH A	2	6.294	28.276	32.227	H
ATOM	5838	H2	HOH A	3	6.248	27.359	30.934	H
ATOM	5839	O	HOH A	1	6.253	27.405	54.035	O
ATOM	5840	H1	HOH A	2	6.268	28.332	54.352	H
ATOM	5841	H2	HOH A	3	6.236	27.420	53.055	H
ATOM	5842	O	HOH A	1	28.870	27.497	9.776	O
ATOM	5843	H1	HOH A	2	28.888	28.422	10.098	H
ATOM	5844	H2	HOH A	3	28.853	27.519	8.796	H
ATOM	5845	O	HOH A	1	28.884	27.348	31.939	O
ATOM	5846	H1	HOH A	2	28.906	28.275	32.259	H
ATOM	5847	H2	HOH A	3	28.869	27.366	30.960	H
ATOM	5848	O	HOH A	1	28.879	27.449	54.022	O
ATOM	5849	H1	HOH A	2	28.903	28.376	54.337	H
ATOM	5850	H2	HOH A	3	28.864	27.462	53.042	H
ATOM	5851	O	HOH A	1	51.469	27.474	9.719	O
ATOM	5852	H1	HOH A	2	51.497	28.400	10.041	H
ATOM	5853	H2	HOH A	3	51.458	27.495	8.739	H
ATOM	5854	O	HOH A	1	51.503	27.344	31.847	O
ATOM	5855	H1	HOH A	2	51.526	28.269	32.171	H
ATOM	5856	H2	HOH A	3	51.491	27.366	30.868	H
ATOM	5857	O	HOH A	1	51.490	27.481	53.987	O
ATOM	5858	H1	HOH A	2	51.506	28.411	54.294	H
ATOM	5859	H2	HOH A	3	51.474	27.485	53.007	H
ATOM	5860	O	HOH A	1	10.807	27.322	9.777	O
ATOM	5861	H1	HOH A	2	11.605	26.856	10.101	H
ATOM	5862	H2	HOH A	3	10.020	26.836	10.101	H
ATOM	5863	O	HOH A	1	10.764	27.334	31.939	O
ATOM	5864	H1	HOH A	2	11.561	26.862	32.260	H
ATOM	5865	H2	HOH A	3	9.975	26.851	32.262	H
ATOM	5866	O	HOH A	1	10.766	27.388	54.069	O
ATOM	5867	H1	HOH A	2	11.561	26.917	54.395	H
ATOM	5868	H2	HOH A	3	9.976	26.907	54.394	H
ATOM	5869	O	HOH A	1	33.376	27.509	9.785	O
ATOM	5870	H1	HOH A	2	34.174	27.041	10.109	H

ATOM	5871	H2	HOH A	3	32.588	27.028	10.115	H
ATOM	5872	O	HOH A	1	33.385	27.319	31.926	O
ATOM	5873	H1	HOH A	2	34.186	26.852	32.246	H
ATOM	5874	H2	HOH A	3	32.600	26.831	32.252	H
ATOM	5875	O	HOH A	1	33.396	27.455	53.999	O
ATOM	5876	H1	HOH A	2	34.193	26.988	54.327	H
ATOM	5877	H2	HOH A	3	32.607	26.978	54.331	H
ATOM	5878	O	HOH A	1	55.980	27.413	9.719	O
ATOM	5879	H1	HOH A	2	56.772	26.933	10.039	H
ATOM	5880	H2	HOH A	3	55.186	26.940	10.046	H
ATOM	5881	O	HOH A	1	55.993	27.335	31.863	O
ATOM	5882	H1	HOH A	2	56.793	26.870	32.188	H
ATOM	5883	H2	HOH A	3	55.207	26.848	32.189	H
ATOM	5884	O	HOH A	1	55.990	27.445	54.011	O
ATOM	5885	H1	HOH A	2	56.790	26.978	54.330	H
ATOM	5886	H2	HOH A	3	55.205	26.960	54.340	H
ATOM	5887	O	HOH A	1	15.348	27.358	9.785	O
ATOM	5888	H1	HOH A	2	14.555	26.876	10.100	H
ATOM	5889	H2	HOH A	3	15.335	27.353	8.805	H
ATOM	5890	O	HOH A	1	15.316	27.357	31.945	O
ATOM	5891	H1	HOH A	2	14.519	26.882	32.261	H
ATOM	5892	H2	HOH A	3	15.307	27.346	30.965	H
ATOM	5893	O	HOH A	1	15.330	27.400	54.037	O
ATOM	5894	H1	HOH A	2	14.533	26.928	54.356	H
ATOM	5895	H2	HOH A	3	15.324	27.376	53.057	H
ATOM	5896	O	HOH A	1	37.918	27.534	9.766	O
ATOM	5897	H1	HOH A	2	37.122	27.061	10.089	H
ATOM	5898	H2	HOH A	3	37.896	27.530	8.786	H
ATOM	5899	O	HOH A	1	37.958	27.336	31.886	O
ATOM	5900	H1	HOH A	2	37.164	26.858	32.204	H
ATOM	5901	H2	HOH A	3	37.944	27.328	30.906	H
ATOM	5902	O	HOH A	1	37.942	27.494	53.970	O
ATOM	5903	H1	HOH A	2	37.146	27.019	54.291	H
ATOM	5904	H2	HOH A	3	37.937	27.466	52.991	H
ATOM	5905	O	HOH A	1	60.535	27.384	9.729	O
ATOM	5906	H1	HOH A	2	59.732	26.915	10.040	H

ATOM	5907	H2	HOH A	3	60.527	27.382	8.749	H
ATOM	5908	O	HOH A	1	60.541	27.346	31.861	O
ATOM	5909	H1	HOH A	2	59.744	26.870	32.175	H
ATOM	5910	H2	HOH A	3	60.531	27.340	30.881	H
ATOM	5911	O	HOH A	1	60.535	27.443	54.002	O
ATOM	5912	H1	HOH A	2	59.733	26.977	54.320	H
ATOM	5913	H2	HOH A	3	60.529	27.421	53.022	H
ATOM	5914	O	HOH A	1	19.815	27.389	9.774	O
ATOM	5915	H1	HOH A	2	19.019	26.922	10.102	H
ATOM	5916	H2	HOH A	3	19.789	28.307	10.114	H
ATOM	5917	O	HOH A	1	19.787	27.340	31.928	O
ATOM	5918	H1	HOH A	2	18.990	26.875	32.255	H
ATOM	5919	H2	HOH A	3	19.761	28.260	32.265	H
ATOM	5920	O	HOH A	1	19.800	27.404	54.011	O
ATOM	5921	H1	HOH A	2	19.001	26.940	54.337	H
ATOM	5922	H2	HOH A	3	19.782	28.320	54.358	H
ATOM	5923	O	HOH A	1	42.408	27.520	9.720	O
ATOM	5924	H1	HOH A	2	41.608	27.056	10.045	H
ATOM	5925	H2	HOH A	3	42.385	28.439	10.061	H
ATOM	5926	O	HOH A	1	42.429	27.321	31.847	O
ATOM	5927	H1	HOH A	2	41.625	26.867	32.175	H
ATOM	5928	H2	HOH A	3	42.421	28.238	32.190	H
ATOM	5929	O	HOH A	1	42.417	27.477	53.963	O
ATOM	5930	H1	HOH A	2	41.618	27.014	54.293	H
ATOM	5931	H2	HOH A	3	42.389	28.400	54.292	H
ATOM	5932	O	HOH A	1	65.009	27.333	9.733	O
ATOM	5933	H1	HOH A	2	64.212	26.866	10.058	H
ATOM	5934	H2	HOH A	3	64.979	28.254	10.068	H
ATOM	5935	O	HOH A	1	65.017	27.319	31.858	O
ATOM	5936	H1	HOH A	2	64.215	26.856	32.181	H
ATOM	5937	H2	HOH A	3	64.992	28.238	32.197	H
ATOM	5938	O	HOH A	1	64.994	27.413	54.016	O
ATOM	5939	H1	HOH A	2	64.195	26.951	54.343	H
ATOM	5940	H2	HOH A	3	64.970	28.333	54.352	H
ATOM	5941	O	HOH A	1	22.065	31.355	9.790	O
ATOM	5942	H1	HOH A	2	21.271	30.893	10.128	H

ATOM	5943	H2	HOH A	3	22.040	32.279	10.117	H
ATOM	5944	O	HOH A	1	22.059	31.271	31.943	O
ATOM	5945	H1	HOH A	2	21.260	30.811	32.274	H
ATOM	5946	H2	HOH A	3	22.032	32.196	32.265	H
ATOM	5947	O	HOH A	1	22.067	31.346	54.024	O
ATOM	5948	H1	HOH A	2	21.270	30.884	54.359	H
ATOM	5949	H2	HOH A	3	22.039	32.270	54.349	H
ATOM	5950	O	HOH A	1	44.655	31.462	9.718	O
ATOM	5951	H1	HOH A	2	43.857	31.001	10.051	H
ATOM	5952	H2	HOH A	3	44.633	32.384	10.050	H
ATOM	5953	O	HOH A	1	44.711	31.265	31.836	O
ATOM	5954	H1	HOH A	2	43.917	30.805	32.179	H
ATOM	5955	H2	HOH A	3	44.696	32.186	32.169	H
ATOM	5956	O	HOH A	1	44.669	31.417	53.964	O
ATOM	5957	H1	HOH A	2	43.871	30.960	54.303	H
ATOM	5958	H2	HOH A	3	44.647	32.343	54.283	H
ATOM	5959	O	HOH A	1	67.277	31.256	9.749	O
ATOM	5960	H1	HOH A	2	66.475	30.799	10.080	H
ATOM	5961	H2	HOH A	3	67.252	32.181	10.070	H
ATOM	5962	O	HOH A	1	67.262	31.279	31.874	O
ATOM	5963	H1	HOH A	2	66.464	30.816	32.203	H
ATOM	5964	H2	HOH A	3	67.231	32.203	32.200	H
ATOM	5965	O	HOH A	1	67.261	31.343	54.025	O
ATOM	5966	H1	HOH A	2	66.463	30.886	54.364	H
ATOM	5967	H2	HOH A	3	67.243	32.267	54.351	H
ATOM	5968	O	HOH A	1	4.024	31.233	9.766	O
ATOM	5969	H1	HOH A	2	4.808	30.762	10.117	H
ATOM	5970	H2	HOH A	3	3.222	30.770	10.088	H
ATOM	5971	O	HOH A	1	4.011	31.271	31.902	O
ATOM	5972	H1	HOH A	2	4.796	30.798	32.248	H
ATOM	5973	H2	HOH A	3	3.211	30.804	32.222	H
ATOM	5974	O	HOH A	1	3.994	31.327	54.032	O
ATOM	5975	H1	HOH A	2	4.779	30.855	54.379	H
ATOM	5976	H2	HOH A	3	3.194	30.858	54.351	H
ATOM	5977	O	HOH A	1	26.609	31.399	9.774	O
ATOM	5978	H1	HOH A	2	27.398	30.930	10.116	H

ATOM	5979	H2	HOH A	3	25.813	30.927	10.096	H
ATOM	5980	O	HOH A	1	26.626	31.262	31.920	O
ATOM	5981	H1	HOH A	2	27.415	30.794	32.266	H
ATOM	5982	H2	HOH A	3	25.829	30.791	32.243	H
ATOM	5983	O	HOH A	1	26.625	31.356	54.010	O
ATOM	5984	H1	HOH A	2	27.413	30.887	54.356	H
ATOM	5985	H2	HOH A	3	25.827	30.888	54.333	H
ATOM	5986	O	HOH A	1	49.221	31.424	9.712	O
ATOM	5987	H1	HOH A	2	50.005	30.949	10.059	H
ATOM	5988	H2	HOH A	3	48.419	30.960	10.034	H
ATOM	5989	O	HOH A	1	49.255	31.257	31.826	O
ATOM	5990	H1	HOH A	2	50.044	30.790	32.171	H
ATOM	5991	H2	HOH A	3	48.459	30.789	32.155	H
ATOM	5992	O	HOH A	1	49.226	31.413	53.976	O
ATOM	5993	H1	HOH A	2	50.013	30.940	54.318	H
ATOM	5994	H2	HOH A	3	48.428	30.946	54.299	H
ATOM	5995	O	HOH A	1	8.552	31.200	9.758	O
ATOM	5996	H1	HOH A	2	9.351	30.749	10.101	H
ATOM	5997	H2	HOH A	3	8.559	32.123	10.088	H
ATOM	5998	O	HOH A	1	8.517	31.245	31.902	O
ATOM	5999	H1	HOH A	2	9.317	30.793	32.244	H
ATOM	6000	H2	HOH A	3	8.525	32.166	32.236	H
ATOM	6001	O	HOH A	1	8.516	31.288	54.025	O
ATOM	6002	H1	HOH A	2	9.316	30.840	54.370	H
ATOM	6003	H2	HOH A	3	8.520	32.211	54.354	H
ATOM	6004	O	HOH A	1	31.130	31.403	9.760	O
ATOM	6005	H1	HOH A	2	31.933	30.959	10.102	H
ATOM	6006	H2	HOH A	3	31.129	32.325	10.091	H
ATOM	6007	O	HOH A	1	31.144	31.234	31.899	O
ATOM	6008	H1	HOH A	2	31.950	30.789	32.236	H
ATOM	6009	H2	HOH A	3	31.147	32.157	32.228	H
ATOM	6010	O	HOH A	1	31.151	31.356	53.986	O
ATOM	6011	H1	HOH A	2	31.956	30.912	54.323	H
ATOM	6012	H2	HOH A	3	31.156	32.281	54.312	H
ATOM	6013	O	HOH A	1	53.728	31.338	9.682	O
ATOM	6014	H1	HOH A	2	54.528	30.889	10.027	H

ATOM	6015	H2	HOH A	3	53.730	32.259	10.016	H
ATOM	6016	O	HOH A	1	53.762	31.238	31.820	O
ATOM	6017	H1	HOH A	2	54.562	30.787	32.163	H
ATOM	6018	H2	HOH A	3	53.767	32.159	32.155	H
ATOM	6019	O	HOH A	1	53.740	31.366	53.966	O
ATOM	6020	H1	HOH A	2	54.538	30.916	54.314	H
ATOM	6021	H2	HOH A	3	53.743	32.288	54.298	H
ATOM	6022	O	HOH A	1	13.041	31.242	9.779	O
ATOM	6023	H1	HOH A	2	13.857	30.805	10.101	H
ATOM	6024	H2	HOH A	3	13.046	32.167	10.104	H
ATOM	6025	O	HOH A	1	12.990	31.251	31.942	O
ATOM	6026	H1	HOH A	2	13.799	30.804	32.268	H
ATOM	6027	H2	HOH A	3	13.003	32.176	32.266	H
ATOM	6028	O	HOH A	1	13.007	31.301	54.035	O
ATOM	6029	H1	HOH A	2	13.819	30.858	54.358	H
ATOM	6030	H2	HOH A	3	13.020	32.228	54.352	H
ATOM	6031	O	HOH A	1	35.615	31.435	9.755	O
ATOM	6032	H1	HOH A	2	36.424	30.986	10.079	H
ATOM	6033	H2	HOH A	3	35.629	32.359	10.082	H
ATOM	6034	O	HOH A	1	35.641	31.234	31.887	O
ATOM	6035	H1	HOH A	2	36.457	30.794	32.205	H
ATOM	6036	H2	HOH A	3	35.649	32.158	32.213	H
ATOM	6037	O	HOH A	1	35.625	31.378	53.964	O
ATOM	6038	H1	HOH A	2	36.439	30.937	54.286	H
ATOM	6039	H2	HOH A	3	35.633	32.303	54.288	H
ATOM	6040	O	HOH A	1	58.216	31.308	9.712	O
ATOM	6041	H1	HOH A	2	59.020	30.854	10.039	H
ATOM	6042	H2	HOH A	3	58.232	32.229	10.045	H
ATOM	6043	O	HOH A	1	58.232	31.243	31.854	O
ATOM	6044	H1	HOH A	2	59.040	30.797	32.183	H
ATOM	6045	H2	HOH A	3	58.245	32.170	32.174	H
ATOM	6046	O	HOH A	1	58.209	31.357	54.000	O
ATOM	6047	H1	HOH A	2	59.017	30.905	54.319	H
ATOM	6048	H2	HOH A	3	58.224	32.277	54.337	H
ATOM	6049	O	HOH A	1	17.578	31.295	9.762	O
ATOM	6050	H1	HOH A	2	16.781	30.834	10.097	H

ATOM	6051	H2	HOH A	3	17.552	32.220	10.085	H
ATOM	6052	O	HOH A	1	17.533	31.244	31.917	O
ATOM	6053	H1	HOH A	2	16.724	30.794	32.239	H
ATOM	6054	H2	HOH A	3	17.511	32.171	32.235	H
ATOM	6055	O	HOH A	1	17.566	31.324	54.019	O
ATOM	6056	H1	HOH A	2	16.761	30.871	54.347	H
ATOM	6057	H2	HOH A	3	17.543	32.250	54.337	H
ATOM	6058	O	HOH A	1	40.157	31.458	9.713	O
ATOM	6059	H1	HOH A	2	39.358	30.995	10.042	H
ATOM	6060	H2	HOH A	3	40.126	32.382	10.038	H
ATOM	6061	O	HOH A	1	40.206	31.242	31.847	O
ATOM	6062	H1	HOH A	2	39.403	30.787	32.176	H
ATOM	6063	H2	HOH A	3	40.183	32.167	32.170	H
ATOM	6064	O	HOH A	1	40.174	31.405	53.950	O
ATOM	6065	H1	HOH A	2	39.371	30.948	54.276	H
ATOM	6066	H2	HOH A	3	40.146	32.331	54.270	H
ATOM	6067	O	HOH A	1	62.775	31.282	9.719	O
ATOM	6068	H1	HOH A	2	61.964	30.835	10.039	H
ATOM	6069	H2	HOH A	3	62.757	32.209	10.038	H
ATOM	6070	O	HOH A	1	62.778	31.245	31.843	O
ATOM	6071	H1	HOH A	2	61.971	30.793	32.165	H
ATOM	6072	H2	HOH A	3	62.756	32.171	32.165	H
ATOM	6073	O	HOH A	1	62.755	31.354	53.997	O
ATOM	6074	H1	HOH A	2	61.945	30.906	54.319	H
ATOM	6075	H2	HOH A	3	62.732	32.282	54.310	H
ATOM	6076	O	HOH A	1	1.763	35.163	9.763	O
ATOM	6077	H1	HOH A	2	0.953	34.703	10.065	H
ATOM	6078	H2	HOH A	3	1.770	35.152	8.783	H
ATOM	6079	O	HOH A	1	1.723	35.187	31.902	O
ATOM	6080	H1	HOH A	2	0.910	34.729	32.200	H
ATOM	6081	H2	HOH A	3	1.739	35.172	30.923	H
ATOM	6082	O	HOH A	1	1.713	35.246	54.024	O
ATOM	6083	H1	HOH A	2	0.901	34.791	54.332	H
ATOM	6084	H2	HOH A	3	1.716	35.231	53.044	H
ATOM	6085	O	HOH A	1	24.327	35.294	9.796	O
ATOM	6086	H1	HOH A	2	23.522	34.829	10.106	H

ATOM	6087	H2	HOH A	3	24.324	35.285	8.816	H
ATOM	6088	O	HOH A	1	24.311	35.165	31.931	O
ATOM	6089	H1	HOH A	2	23.500	34.707	32.236	H
ATOM	6090	H2	HOH A	3	24.315	35.154	30.952	H
ATOM	6091	O	HOH A	1	24.338	35.266	54.009	O
ATOM	6092	H1	HOH A	2	23.533	34.804	54.322	H
ATOM	6093	H2	HOH A	3	24.335	35.250	53.029	H
ATOM	6094	O	HOH A	1	46.923	35.353	9.720	O
ATOM	6095	H1	HOH A	2	46.113	34.897	10.029	H
ATOM	6096	H2	HOH A	3	46.926	35.334	8.740	H
ATOM	6097	O	HOH A	1	46.966	35.178	31.831	O
ATOM	6098	H1	HOH A	2	46.158	34.719	32.144	H
ATOM	6099	H2	HOH A	3	46.962	35.165	30.851	H
ATOM	6100	O	HOH A	1	46.932	35.329	53.968	O
ATOM	6101	H1	HOH A	2	46.122	34.873	54.278	H
ATOM	6102	H2	HOH A	3	46.937	35.306	52.989	H
ATOM	6103	O	HOH A	1	6.274	35.153	9.757	O
ATOM	6104	H1	HOH A	2	7.062	34.680	10.098	H
ATOM	6105	H2	HOH A	3	5.476	34.692	10.092	H
ATOM	6106	O	HOH A	1	6.238	35.194	31.900	O
ATOM	6107	H1	HOH A	2	7.024	34.716	32.237	H
ATOM	6108	H2	HOH A	3	5.439	34.732	32.228	H
ATOM	6109	O	HOH A	1	6.229	35.245	54.019	O
ATOM	6110	H1	HOH A	2	7.019	34.766	54.348	H
ATOM	6111	H2	HOH A	3	5.433	34.786	54.359	H
ATOM	6112	O	HOH A	1	28.832	35.340	9.767	O
ATOM	6113	H1	HOH A	2	29.623	34.867	10.101	H
ATOM	6114	H2	HOH A	3	28.037	34.876	10.104	H
ATOM	6115	O	HOH A	1	28.851	35.186	31.911	O
ATOM	6116	H1	HOH A	2	29.637	34.707	32.246	H
ATOM	6117	H2	HOH A	3	28.052	34.726	32.242	H
ATOM	6118	O	HOH A	1	28.853	35.289	53.988	O
ATOM	6119	H1	HOH A	2	29.646	34.820	54.322	H
ATOM	6120	H2	HOH A	3	28.060	34.824	54.328	H
ATOM	6121	O	HOH A	1	51.442	35.321	9.692	O
ATOM	6122	H1	HOH A	2	52.226	34.836	10.025	H

ATOM	6123	H2	HOH A	3	50.641	34.877	10.038	H
ATOM	6124	O	HOH A	1	51.477	35.183	31.825	O
ATOM	6125	H1	HOH A	2	52.265	34.707	32.162	H
ATOM	6126	H2	HOH A	3	50.679	34.723	32.160	H
ATOM	6127	O	HOH A	1	51.461	35.319	53.963	O
ATOM	6128	H1	HOH A	2	52.246	34.840	54.300	H
ATOM	6129	H2	HOH A	3	50.661	34.864	54.300	H
ATOM	6130	O	HOH A	1	10.747	35.162	9.782	O
ATOM	6131	H1	HOH A	2	11.555	34.704	10.097	H
ATOM	6132	H2	HOH A	3	10.764	35.166	8.802	H
ATOM	6133	O	HOH A	1	10.714	35.189	31.910	O
ATOM	6134	H1	HOH A	2	11.516	34.725	32.228	H
ATOM	6135	H2	HOH A	3	10.730	35.185	30.930	H
ATOM	6136	O	HOH A	1	10.725	35.237	54.025	O
ATOM	6137	H1	HOH A	2	11.529	34.776	54.344	H
ATOM	6138	H2	HOH A	3	10.742	35.232	53.045	H
ATOM	6139	O	HOH A	1	33.322	35.360	9.751	O
ATOM	6140	H1	HOH A	2	34.128	34.900	10.063	H
ATOM	6141	H2	HOH A	3	33.338	35.370	8.771	H
ATOM	6142	O	HOH A	1	33.345	35.189	31.871	O
ATOM	6143	H1	HOH A	2	34.146	34.720	32.187	H
ATOM	6144	H2	HOH A	3	33.363	35.192	30.891	H
ATOM	6145	O	HOH A	1	33.347	35.318	53.969	O
ATOM	6146	H1	HOH A	2	34.149	34.856	54.291	H
ATOM	6147	H2	HOH A	3	33.358	35.298	52.990	H
ATOM	6148	O	HOH A	1	55.934	35.255	9.687	O
ATOM	6149	H1	HOH A	2	56.737	34.794	10.010	H
ATOM	6150	H2	HOH A	3	55.958	35.254	8.707	H
ATOM	6151	O	HOH A	1	55.958	35.184	31.823	O
ATOM	6152	H1	HOH A	2	56.757	34.713	32.140	H
ATOM	6153	H2	HOH A	3	55.974	35.182	30.843	H
ATOM	6154	O	HOH A	1	55.943	35.305	53.981	O
ATOM	6155	H1	HOH A	2	56.741	34.834	54.301	H
ATOM	6156	H2	HOH A	3	55.960	35.298	53.001	H
ATOM	6157	O	HOH A	1	15.269	35.171	9.789	O
ATOM	6158	H1	HOH A	2	15.272	36.099	10.103	H

ATOM	6159	H2	HOH A	3	15.276	35.182	8.810	H
ATOM	6160	O	HOH A	1	15.227	35.150	31.942	O
ATOM	6161	H1	HOH A	2	15.230	36.078	32.257	H
ATOM	6162	H2	HOH A	3	15.226	35.163	30.962	H
ATOM	6163	O	HOH A	1	15.243	35.215	54.026	O
ATOM	6164	H1	HOH A	2	15.239	36.145	54.335	H
ATOM	6165	H2	HOH A	3	15.243	35.222	53.047	H
ATOM	6166	O	HOH A	1	37.842	35.356	9.751	O
ATOM	6167	H1	HOH A	2	37.843	36.285	10.063	H
ATOM	6168	H2	HOH A	3	37.842	35.366	8.771	H
ATOM	6169	O	HOH A	1	37.879	35.144	31.855	O
ATOM	6170	H1	HOH A	2	37.881	36.069	32.178	H
ATOM	6171	H2	HOH A	3	37.885	35.165	30.875	H
ATOM	6172	O	HOH A	1	37.855	35.281	53.974	O
ATOM	6173	H1	HOH A	2	37.858	36.213	54.277	H
ATOM	6174	H2	HOH A	3	37.859	35.281	52.994	H
ATOM	6175	O	HOH A	1	60.464	35.186	9.723	O
ATOM	6176	H1	HOH A	2	60.463	36.112	10.043	H
ATOM	6177	H2	HOH A	3	60.463	35.204	8.743	H
ATOM	6178	O	HOH A	1	60.467	35.144	31.848	O
ATOM	6179	H1	HOH A	2	60.469	36.073	32.159	H
ATOM	6180	H2	HOH A	3	60.474	35.151	30.868	H
ATOM	6181	O	HOH A	1	60.453	35.254	54.005	O
ATOM	6182	H1	HOH A	2	60.451	36.185	54.311	H
ATOM	6183	H2	HOH A	3	60.450	35.258	53.025	H
ATOM	6184	O	HOH A	1	19.822	35.248	9.762	O
ATOM	6185	H1	HOH A	2	19.019	34.791	10.088	H
ATOM	6186	H2	HOH A	3	19.803	35.230	8.782	H
ATOM	6187	O	HOH A	1	19.787	35.190	31.898	O
ATOM	6188	H1	HOH A	2	18.978	34.738	32.217	H
ATOM	6189	H2	HOH A	3	19.776	35.173	30.918	H
ATOM	6190	O	HOH A	1	19.825	35.256	53.991	O
ATOM	6191	H1	HOH A	2	19.014	34.809	54.312	H
ATOM	6192	H2	HOH A	3	19.811	35.242	53.012	H
ATOM	6193	O	HOH A	1	42.417	35.380	9.696	O
ATOM	6194	H1	HOH A	2	41.608	34.930	10.016	H

ATOM	6195	H2	HOH A	3	42.403	35.368	8.716	H
ATOM	6196	O	HOH A	1	42.463	35.173	31.818	O
ATOM	6197	H1	HOH A	2	41.655	34.719	32.137	H
ATOM	6198	H2	HOH A	3	42.446	35.168	30.838	H
ATOM	6199	O	HOH A	1	42.415	35.353	53.937	O
ATOM	6200	H1	HOH A	2	41.607	34.905	54.266	H
ATOM	6201	H2	HOH A	3	42.402	35.320	52.958	H
ATOM	6202	O	HOH A	1	65.038	35.216	9.716	O
ATOM	6203	H1	HOH A	2	64.226	34.770	10.034	H
ATOM	6204	H2	HOH A	3	65.027	35.203	8.736	H
ATOM	6205	O	HOH A	1	65.014	35.201	31.835	O
ATOM	6206	H1	HOH A	2	64.206	34.747	32.155	H
ATOM	6207	H2	HOH A	3	65.004	35.181	30.855	H
ATOM	6208	O	HOH A	1	65.011	35.275	53.983	O
ATOM	6209	H1	HOH A	2	64.202	34.826	54.304	H
ATOM	6210	H2	HOH A	3	65.003	35.252	53.003	H
ATOM	6211	O	HOH A	1	22.051	39.194	9.743	O
ATOM	6212	H1	HOH A	2	22.850	38.735	10.077	H
ATOM	6213	H2	HOH A	3	21.265	38.725	10.092	H
ATOM	6214	O	HOH A	1	22.046	39.099	31.889	O
ATOM	6215	H1	HOH A	2	22.839	38.634	32.229	H
ATOM	6216	H2	HOH A	3	21.253	38.630	32.225	H
ATOM	6217	O	HOH A	1	22.064	39.195	53.988	O
ATOM	6218	H1	HOH A	2	22.861	38.731	54.321	H
ATOM	6219	H2	HOH A	3	21.275	38.723	54.329	H
ATOM	6220	O	HOH A	1	44.646	39.294	9.680	O
ATOM	6221	H1	HOH A	2	45.444	38.829	10.008	H
ATOM	6222	H2	HOH A	3	43.858	38.824	10.024	H
ATOM	6223	O	HOH A	1	44.697	39.106	31.797	O
ATOM	6224	H1	HOH A	2	45.495	38.643	32.128	H
ATOM	6225	H2	HOH A	3	43.909	38.636	32.141	H
ATOM	6226	O	HOH A	1	44.680	39.269	53.927	O
ATOM	6227	H1	HOH A	2	45.473	38.803	54.263	H
ATOM	6228	H2	HOH A	3	43.888	38.802	54.266	H
ATOM	6229	O	HOH A	1	67.276	39.108	9.718	O
ATOM	6230	H1	HOH A	2	68.070	38.639	10.048	H

ATOM	6231	H2	HOH A	3	66.485	38.642	10.061	H
ATOM	6232	O	HOH A	1	67.264	39.118	31.827	O
ATOM	6233	H1	HOH A	2	68.060	38.657	32.166	H
ATOM	6234	H2	HOH A	3	66.474	38.648	32.168	H
ATOM	6235	O	HOH A	1	67.246	39.186	53.986	O
ATOM	6236	H1	HOH A	2	68.037	38.710	54.316	H
ATOM	6237	H2	HOH A	3	66.452	38.722	54.322	H
ATOM	6238	O	HOH A	1	4.001	39.023	9.767	O
ATOM	6239	H1	HOH A	2	4.002	39.952	10.080	H
ATOM	6240	H2	HOH A	3	3.999	39.034	8.787	H
ATOM	6241	O	HOH A	1	3.972	39.064	31.882	O
ATOM	6242	H1	HOH A	2	3.968	39.990	32.203	H
ATOM	6243	H2	HOH A	3	3.972	39.084	30.902	H
ATOM	6244	O	HOH A	1	3.961	39.107	54.033	O
ATOM	6245	H1	HOH A	2	3.964	40.036	54.344	H
ATOM	6246	H2	HOH A	3	3.958	39.115	53.053	H
ATOM	6247	O	HOH A	1	26.566	39.192	9.776	O
ATOM	6248	H1	HOH A	2	26.564	40.117	10.099	H
ATOM	6249	H2	HOH A	3	26.557	39.214	8.796	H
ATOM	6250	O	HOH A	1	26.563	39.030	31.922	O
ATOM	6251	H1	HOH A	2	26.564	39.958	32.235	H
ATOM	6252	H2	HOH A	3	26.565	39.041	30.942	H
ATOM	6253	O	HOH A	1	26.584	39.158	53.999	O
ATOM	6254	H1	HOH A	2	26.584	40.088	54.308	H
ATOM	6255	H2	HOH A	3	26.574	39.165	53.019	H
ATOM	6256	O	HOH A	1	49.169	39.214	9.699	O
ATOM	6257	H1	HOH A	2	49.174	40.141	10.015	H
ATOM	6258	H2	HOH A	3	49.165	39.227	8.719	H
ATOM	6259	O	HOH A	1	49.227	39.048	31.827	O
ATOM	6260	H1	HOH A	2	49.224	39.976	32.141	H
ATOM	6261	H2	HOH A	3	49.230	39.060	30.847	H
ATOM	6262	O	HOH A	1	49.184	39.200	53.952	O
ATOM	6263	H1	HOH A	2	49.178	40.129	54.265	H
ATOM	6264	H2	HOH A	3	49.184	39.211	52.972	H
ATOM	6265	O	HOH A	1	8.548	39.082	9.747	O
ATOM	6266	H1	HOH A	2	9.334	38.607	10.090	H

ATOM	6267	H2	HOH A	3	7.748	38.621	10.077	H
ATOM	6268	O	HOH A	1	8.511	39.104	31.893	O
ATOM	6269	H1	HOH A	2	9.295	38.624	32.232	H
ATOM	6270	H2	HOH A	3	7.710	38.645	32.222	H
ATOM	6271	O	HOH A	1	8.506	39.164	54.003	O
ATOM	6272	H1	HOH A	2	9.292	38.686	54.340	H
ATOM	6273	H2	HOH A	3	7.707	38.701	54.330	H
ATOM	6274	O	HOH A	1	31.100	39.277	9.744	O
ATOM	6275	H1	HOH A	2	31.891	38.801	10.075	H
ATOM	6276	H2	HOH A	3	30.305	38.809	10.074	H
ATOM	6277	O	HOH A	1	31.126	39.106	31.864	O
ATOM	6278	H1	HOH A	2	31.914	38.628	32.196	H
ATOM	6279	H2	HOH A	3	30.328	38.642	32.193	H
ATOM	6280	O	HOH A	1	31.124	39.216	53.965	O
ATOM	6281	H1	HOH A	2	31.915	38.746	54.300	H
ATOM	6282	H2	HOH A	3	30.330	38.750	54.300	H
ATOM	6283	O	HOH A	1	53.732	39.213	9.674	O
ATOM	6284	H1	HOH A	2	54.512	38.724	10.009	H
ATOM	6285	H2	HOH A	3	52.927	38.756	9.995	H
ATOM	6286	O	HOH A	1	53.762	39.101	31.801	O
ATOM	6287	H1	HOH A	2	54.551	38.622	32.130	H
ATOM	6288	H2	HOH A	3	52.965	38.633	32.128	H
ATOM	6289	O	HOH A	1	53.725	39.242	53.942	O
ATOM	6290	H1	HOH A	2	54.506	38.761	54.287	H
ATOM	6291	H2	HOH A	3	52.920	38.789	54.272	H
ATOM	6292	O	HOH A	1	13.048	39.083	9.793	O
ATOM	6293	H1	HOH A	2	13.045	40.009	10.115	H
ATOM	6294	H2	HOH A	3	13.038	39.104	8.813	H
ATOM	6295	O	HOH A	1	13.022	39.093	31.930	O
ATOM	6296	H1	HOH A	2	13.018	40.019	32.252	H
ATOM	6297	H2	HOH A	3	13.025	39.113	30.950	H
ATOM	6298	O	HOH A	1	13.022	39.154	54.039	O
ATOM	6299	H1	HOH A	2	13.016	40.081	54.356	H
ATOM	6300	H2	HOH A	3	13.014	39.169	53.059	H
ATOM	6301	O	HOH A	1	35.623	39.280	9.751	O
ATOM	6302	H1	HOH A	2	35.621	40.206	10.072	H

ATOM	6303	H2	HOH A	3	35.612	39.300	8.771	H
ATOM	6304	O	HOH A	1	35.664	39.089	31.872	O
ATOM	6305	H1	HOH A	2	35.660	40.017	32.189	H
ATOM	6306	H2	HOH A	3	35.661	39.104	30.892	H
ATOM	6307	O	HOH A	1	35.648	39.228	53.965	O
ATOM	6308	H1	HOH A	2	35.645	40.160	54.270	H
ATOM	6309	H2	HOH A	3	35.638	39.231	52.985	H
ATOM	6310	O	HOH A	1	58.240	39.141	9.734	O
ATOM	6311	H1	HOH A	2	58.230	40.069	10.049	H
ATOM	6312	H2	HOH A	3	58.239	39.155	8.754	H
ATOM	6313	O	HOH A	1	58.268	39.104	31.842	O
ATOM	6314	H1	HOH A	2	58.261	40.030	32.163	H
ATOM	6315	H2	HOH A	3	58.271	39.122	30.862	H
ATOM	6316	O	HOH A	1	58.227	39.206	53.986	O
ATOM	6317	H1	HOH A	2	58.223	40.135	54.296	H
ATOM	6318	H2	HOH A	3	58.220	39.213	53.006	H
ATOM	6319	O	HOH A	1	17.548	39.142	9.794	O
ATOM	6320	H1	HOH A	2	18.344	38.676	10.125	H
ATOM	6321	H2	HOH A	3	16.758	38.670	10.133	H
ATOM	6322	O	HOH A	1	17.508	39.097	31.933	O
ATOM	6323	H1	HOH A	2	18.300	38.622	32.261	H
ATOM	6324	H2	HOH A	3	16.715	38.637	32.278	H
ATOM	6325	O	HOH A	1	17.527	39.164	54.019	O
ATOM	6326	H1	HOH A	2	18.321	38.693	54.346	H
ATOM	6327	H2	HOH A	3	16.736	38.697	54.362	H
ATOM	6328	O	HOH A	1	40.125	39.292	9.735	O
ATOM	6329	H1	HOH A	2	40.916	38.818	10.066	H
ATOM	6330	H2	HOH A	3	39.331	38.832	10.079	H
ATOM	6331	O	HOH A	1	40.171	39.076	31.842	O
ATOM	6332	H1	HOH A	2	40.962	38.598	32.166	H
ATOM	6333	H2	HOH A	3	39.377	38.617	32.186	H
ATOM	6334	O	HOH A	1	40.137	39.231	53.965	O
ATOM	6335	H1	HOH A	2	40.932	38.768	54.301	H
ATOM	6336	H2	HOH A	3	39.347	38.759	54.303	H
ATOM	6337	O	HOH A	1	62.727	39.119	9.748	O
ATOM	6338	H1	HOH A	2	63.518	38.648	10.083	H

ATOM	6339	H2	HOH A	3	61.932	38.651	10.080	H
ATOM	6340	O	HOH A	1	62.743	39.088	31.848	O
ATOM	6341	H1	HOH A	2	63.534	38.615	32.181	H
ATOM	6342	H2	HOH A	3	61.948	38.625	32.186	H
ATOM	6343	O	HOH A	1	62.725	39.178	54.008	O
ATOM	6344	H1	HOH A	2	63.513	38.703	54.344	H
ATOM	6345	H2	HOH A	3	61.928	38.718	54.343	H
ATOM	6346	O	HOH A	1	1.768	42.993	9.741	O
ATOM	6347	H1	HOH A	2	0.960	42.541	10.061	H
ATOM	6348	H2	HOH A	3	1.744	42.998	8.762	H
ATOM	6349	O	HOH A	1	1.750	43.004	31.871	O
ATOM	6350	H1	HOH A	2	0.943	42.546	32.188	H
ATOM	6351	H2	HOH A	3	1.733	43.003	30.891	H
ATOM	6352	O	HOH A	1	1.728	43.061	54.007	O
ATOM	6353	H1	HOH A	2	0.921	42.606	54.327	H
ATOM	6354	H2	HOH A	3	1.709	43.057	53.027	H
ATOM	6355	O	HOH A	1	24.342	43.107	9.763	O
ATOM	6356	H1	HOH A	2	23.539	42.640	10.075	H
ATOM	6357	H2	HOH A	3	24.325	43.119	8.783	H
ATOM	6358	O	HOH A	1	24.347	42.992	31.903	O
ATOM	6359	H1	HOH A	2	23.543	42.530	32.220	H
ATOM	6360	H2	HOH A	3	24.324	42.999	30.923	H
ATOM	6361	O	HOH A	1	24.354	43.089	53.997	O
ATOM	6362	H1	HOH A	2	23.551	42.628	54.318	H
ATOM	6363	H2	HOH A	3	24.336	43.082	53.018	H
ATOM	6364	O	HOH A	1	46.945	43.166	9.694	O
ATOM	6365	H1	HOH A	2	46.141	42.707	10.015	H
ATOM	6366	H2	HOH A	3	46.921	43.169	8.714	H
ATOM	6367	O	HOH A	1	46.990	42.985	31.807	O
ATOM	6368	H1	HOH A	2	46.182	42.525	32.115	H
ATOM	6369	H2	HOH A	3	46.975	43.001	30.827	H
ATOM	6370	O	HOH A	1	46.955	43.148	53.955	O
ATOM	6371	H1	HOH A	2	46.146	42.702	54.283	H
ATOM	6372	H2	HOH A	3	46.932	43.134	52.975	H
ATOM	6373	O	HOH A	1	6.260	42.969	9.760	O
ATOM	6374	H1	HOH A	2	5.465	42.508	10.099	H

ATOM	6375	H2	HOH A	3	6.239	43.892	10.089	H
ATOM	6376	O	HOH A	1	6.238	43.006	31.883	O
ATOM	6377	H1	HOH A	2	5.443	42.539	32.218	H
ATOM	6378	H2	HOH A	3	6.214	43.925	32.222	H
ATOM	6379	O	HOH A	1	6.233	43.056	54.026	O
ATOM	6380	H1	HOH A	2	5.437	42.596	54.366	H
ATOM	6381	H2	HOH A	3	6.214	43.978	54.356	H
ATOM	6382	O	HOH A	1	28.838	43.153	9.774	O
ATOM	6383	H1	HOH A	2	28.050	42.685	10.121	H
ATOM	6384	H2	HOH A	3	28.815	44.074	10.107	H
ATOM	6385	O	HOH A	1	28.848	42.984	31.891	O
ATOM	6386	H1	HOH A	2	28.055	42.517	32.227	H
ATOM	6387	H2	HOH A	3	28.821	43.905	32.225	H
ATOM	6388	O	HOH A	1	28.850	43.107	53.990	O
ATOM	6389	H1	HOH A	2	28.057	42.647	54.336	H
ATOM	6390	H2	HOH A	3	28.831	44.031	54.316	H
ATOM	6391	O	HOH A	1	51.445	43.133	9.688	O
ATOM	6392	H1	HOH A	2	50.651	42.673	10.029	H
ATOM	6393	H2	HOH A	3	51.426	44.056	10.017	H
ATOM	6394	O	HOH A	1	51.475	43.002	31.822	O
ATOM	6395	H1	HOH A	2	50.679	42.544	32.165	H
ATOM	6396	H2	HOH A	3	51.455	43.927	32.147	H
ATOM	6397	O	HOH A	1	51.449	43.134	53.974	O
ATOM	6398	H1	HOH A	2	50.648	42.677	54.304	H
ATOM	6399	H2	HOH A	3	51.430	44.056	54.304	H
ATOM	6400	O	HOH A	1	10.799	42.973	9.741	O
ATOM	6401	H1	HOH A	2	9.988	42.529	10.066	H
ATOM	6402	H2	HOH A	3	10.787	43.898	10.065	H
ATOM	6403	O	HOH A	1	10.777	42.996	31.879	O
ATOM	6404	H1	HOH A	2	9.969	42.543	32.200	H
ATOM	6405	H2	HOH A	3	10.760	43.917	32.213	H
ATOM	6406	O	HOH A	1	10.772	43.047	54.009	O
ATOM	6407	H1	HOH A	2	9.966	42.599	54.340	H
ATOM	6408	H2	HOH A	3	10.758	43.972	54.333	H
ATOM	6409	O	HOH A	1	33.380	43.167	9.732	O
ATOM	6410	H1	HOH A	2	32.570	42.723	10.061	H

ATOM	6411	H2	HOH A	3	33.373	44.091	10.059	H
ATOM	6412	O	HOH A	1	33.397	42.992	31.865	O
ATOM	6413	H1	HOH A	2	32.585	42.550	32.191	H
ATOM	6414	H2	HOH A	3	33.393	43.914	32.196	H
ATOM	6415	O	HOH A	1	33.391	43.115	53.948	O
ATOM	6416	H1	HOH A	2	32.586	42.669	54.283	H
ATOM	6417	H2	HOH A	3	33.376	44.044	54.260	H
ATOM	6418	O	HOH A	1	55.997	43.073	9.679	O
ATOM	6419	H1	HOH A	2	55.186	42.629	10.005	H
ATOM	6420	H2	HOH A	3	55.987	43.997	10.004	H
ATOM	6421	O	HOH A	1	56.009	42.993	31.806	O
ATOM	6422	H1	HOH A	2	55.199	42.547	32.133	H
ATOM	6423	H2	HOH A	3	55.999	43.917	32.131	H
ATOM	6424	O	HOH A	1	55.987	43.110	53.955	O
ATOM	6425	H1	HOH A	2	55.176	42.670	54.284	H
ATOM	6426	H2	HOH A	3	55.985	44.034	54.282	H
ATOM	6427	O	HOH A	1	15.280	42.999	9.781	O
ATOM	6428	H1	HOH A	2	16.095	42.563	10.105	H
ATOM	6429	H2	HOH A	3	15.280	43.923	10.109	H
ATOM	6430	O	HOH A	1	15.274	42.974	31.942	O
ATOM	6431	H1	HOH A	2	16.088	42.533	32.265	H
ATOM	6432	H2	HOH A	3	15.273	43.893	32.283	H
ATOM	6433	O	HOH A	1	15.283	43.036	54.054	O
ATOM	6434	H1	HOH A	2	16.095	42.595	54.383	H
ATOM	6435	H2	HOH A	3	15.286	43.959	54.382	H
ATOM	6436	O	HOH A	1	37.871	43.174	9.754	O
ATOM	6437	H1	HOH A	2	38.686	42.732	10.071	H
ATOM	6438	H2	HOH A	3	37.873	44.093	10.096	H
ATOM	6439	O	HOH A	1	37.915	42.972	31.870	O
ATOM	6440	H1	HOH A	2	38.724	42.529	32.199	H
ATOM	6441	H2	HOH A	3	37.915	43.892	32.207	H
ATOM	6442	O	HOH A	1	37.894	43.120	53.981	O
ATOM	6443	H1	HOH A	2	38.704	42.679	54.312	H
ATOM	6444	H2	HOH A	3	37.892	44.041	54.317	H
ATOM	6445	O	HOH A	1	60.487	43.014	9.738	O
ATOM	6446	H1	HOH A	2	61.296	42.581	10.081	H

ATOM	6447	H2	HOH A	3	60.475	43.937	10.067	H
ATOM	6448	O	HOH A	1	60.507	42.974	31.846	O
ATOM	6449	H1	HOH A	2	61.317	42.528	32.170	H
ATOM	6450	H2	HOH A	3	60.509	43.892	32.190	H
ATOM	6451	O	HOH A	1	60.488	43.067	54.001	O
ATOM	6452	H1	HOH A	2	61.297	42.627	54.336	H
ATOM	6453	H2	HOH A	3	60.485	43.989	54.334	H
ATOM	6454	O	HOH A	1	19.818	43.066	9.761	O
ATOM	6455	H1	HOH A	2	19.829	43.992	10.080	H
ATOM	6456	H2	HOH A	3	19.809	43.083	8.781	H
ATOM	6457	O	HOH A	1	19.805	43.011	31.906	O
ATOM	6458	H1	HOH A	2	19.812	43.938	32.223	H
ATOM	6459	H2	HOH A	3	19.791	43.025	30.926	H
ATOM	6460	O	HOH A	1	19.813	43.075	54.018	O
ATOM	6461	H1	HOH A	2	19.815	44.005	54.324	H
ATOM	6462	H2	HOH A	3	19.806	43.078	53.038	H
ATOM	6463	O	HOH A	1	42.412	43.205	9.719	O
ATOM	6464	H1	HOH A	2	42.417	44.131	10.041	H
ATOM	6465	H2	HOH A	3	42.402	43.225	8.739	H
ATOM	6466	O	HOH A	1	42.446	42.998	31.842	O
ATOM	6467	H1	HOH A	2	42.450	43.926	32.159	H
ATOM	6468	H2	HOH A	3	42.435	43.014	30.862	H
ATOM	6469	O	HOH A	1	42.419	43.166	53.959	O
ATOM	6470	H1	HOH A	2	42.428	44.097	54.263	H
ATOM	6471	H2	HOH A	3	42.414	43.167	52.979	H
ATOM	6472	O	HOH A	1	65.023	43.011	9.739	O
ATOM	6473	H1	HOH A	2	65.027	43.938	10.057	H
ATOM	6474	H2	HOH A	3	65.018	43.027	8.759	H
ATOM	6475	O	HOH A	1	65.020	43.006	31.853	O
ATOM	6476	H1	HOH A	2	65.022	43.933	32.170	H
ATOM	6477	H2	HOH A	3	65.014	43.021	30.873	H
ATOM	6478	O	HOH A	1	65.007	43.086	54.005	O
ATOM	6479	H1	HOH A	2	65.018	44.013	54.322	H
ATOM	6480	H2	HOH A	3	64.994	43.101	53.025	H
ATOM	6481	O	HOH A	1	22.080	46.985	7.008	O
ATOM	6482	H1	HOH A	2	22.888	46.547	6.668	H

ATOM	6483	H2	HOH A	3	22.073	47.907	6.675	H
ATOM	6484	O	HOH A	1	22.084	46.885	29.156	O
ATOM	6485	H1	HOH A	2	22.895	46.448	28.824	H
ATOM	6486	H2	HOH A	3	22.074	47.804	28.815	H
ATOM	6487	O	HOH A	1	22.092	46.922	51.259	O
ATOM	6488	H1	HOH A	2	22.899	46.480	50.921	H
ATOM	6489	H2	HOH A	3	22.080	47.838	50.910	H
ATOM	6490	O	HOH A	1	44.680	47.074	6.955	O
ATOM	6491	H1	HOH A	2	45.489	46.636	6.616	H
ATOM	6492	H2	HOH A	3	44.666	47.992	6.613	H
ATOM	6493	O	HOH A	1	44.722	46.885	29.083	O
ATOM	6494	H1	HOH A	2	45.529	46.450	28.739	H
ATOM	6495	H2	HOH A	3	44.712	47.808	28.755	H
ATOM	6496	O	HOH A	1	44.695	46.975	51.215	O
ATOM	6497	H1	HOH A	2	45.509	46.534	50.891	H
ATOM	6498	H2	HOH A	3	44.689	47.891	50.869	H
ATOM	6499	O	HOH A	1	67.299	46.874	6.982	O
ATOM	6500	H1	HOH A	2	68.111	46.436	6.652	H
ATOM	6501	H2	HOH A	3	67.290	47.792	6.640	H
ATOM	6502	O	HOH A	1	67.287	46.880	29.115	O
ATOM	6503	H1	HOH A	2	68.096	46.441	28.776	H
ATOM	6504	H2	HOH A	3	67.278	47.800	28.777	H
ATOM	6505	O	HOH A	1	67.260	46.937	51.254	O
ATOM	6506	H1	HOH A	2	68.069	46.493	50.925	H
ATOM	6507	H2	HOH A	3	67.258	47.855	50.912	H
ATOM	6508	O	HOH A	1	4.015	46.908	6.990	O
ATOM	6509	H1	HOH A	2	4.820	46.447	6.674	H
ATOM	6510	H2	HOH A	3	4.040	47.827	6.650	H
ATOM	6511	O	HOH A	1	3.987	46.933	29.121	O
ATOM	6512	H1	HOH A	2	4.794	46.476	28.805	H
ATOM	6513	H2	HOH A	3	4.001	47.849	28.771	H
ATOM	6514	O	HOH A	1	3.968	46.968	51.262	O
ATOM	6515	H1	HOH A	2	4.777	46.512	50.950	H
ATOM	6516	H2	HOH A	3	3.984	47.885	50.916	H
ATOM	6517	O	HOH A	1	26.583	47.080	6.984	O
ATOM	6518	H1	HOH A	2	27.393	46.627	6.668	H

ATOM	6519	H2	HOH A	3	26.596	47.998	6.642	H
ATOM	6520	O	HOH A	1	26.602	46.934	29.135	O
ATOM	6521	H1	HOH A	2	27.404	46.467	28.821	H
ATOM	6522	H2	HOH A	3	26.630	47.850	28.789	H
ATOM	6523	O	HOH A	1	26.594	46.983	51.217	O
ATOM	6524	H1	HOH A	2	27.401	46.531	50.894	H
ATOM	6525	H2	HOH A	3	26.606	47.903	50.880	H
ATOM	6526	O	HOH A	1	49.182	47.097	6.926	O
ATOM	6527	H1	HOH A	2	49.982	46.637	6.598	H
ATOM	6528	H2	HOH A	3	49.197	48.014	6.581	H
ATOM	6529	O	HOH A	1	49.219	46.947	29.046	O
ATOM	6530	H1	HOH A	2	50.026	46.490	28.730	H
ATOM	6531	H2	HOH A	3	49.235	47.864	28.701	H
ATOM	6532	O	HOH A	1	49.204	47.027	51.196	O
ATOM	6533	H1	HOH A	2	50.006	46.564	50.874	H
ATOM	6534	H2	HOH A	3	49.220	47.940	50.843	H
ATOM	6535	O	HOH A	1	8.522	46.869	7.016	O
ATOM	6536	H1	HOH A	2	9.321	46.415	6.674	H
ATOM	6537	H2	HOH A	3	8.537	47.794	6.691	H
ATOM	6538	O	HOH A	1	8.507	46.888	29.164	O
ATOM	6539	H1	HOH A	2	9.307	46.433	28.828	H
ATOM	6540	H2	HOH A	3	8.525	47.813	28.839	H
ATOM	6541	O	HOH A	1	8.489	46.937	51.298	O
ATOM	6542	H1	HOH A	2	9.284	46.477	50.956	H
ATOM	6543	H2	HOH A	3	8.508	47.860	50.968	H
ATOM	6544	O	HOH A	1	31.099	47.074	7.020	O
ATOM	6545	H1	HOH A	2	31.899	46.623	6.676	H
ATOM	6546	H2	HOH A	3	31.112	48.000	6.699	H
ATOM	6547	O	HOH A	1	31.119	46.886	29.160	O
ATOM	6548	H1	HOH A	2	31.916	46.435	28.811	H
ATOM	6549	H2	HOH A	3	31.134	47.813	28.844	H
ATOM	6550	O	HOH A	1	31.126	46.951	51.249	O
ATOM	6551	H1	HOH A	2	31.927	46.504	50.904	H
ATOM	6552	H2	HOH A	3	31.129	47.874	50.918	H
ATOM	6553	O	HOH A	1	53.706	46.992	6.955	O
ATOM	6554	H1	HOH A	2	54.504	46.540	6.609	H

ATOM	6555	H2	HOH A	3	53.723	47.920	6.638	H
ATOM	6556	O	HOH A	1	53.743	46.886	29.088	O
ATOM	6557	H1	HOH A	2	54.541	46.432	28.745	H
ATOM	6558	H2	HOH A	3	53.758	47.811	28.765	H
ATOM	6559	O	HOH A	1	53.716	46.979	51.237	O
ATOM	6560	H1	HOH A	2	54.516	46.527	50.896	H
ATOM	6561	H2	HOH A	3	53.731	47.905	50.916	H
ATOM	6562	O	HOH A	1	13.025	46.909	6.999	O
ATOM	6563	H1	HOH A	2	13.825	46.446	6.674	H
ATOM	6564	H2	HOH A	3	13.048	47.828	6.662	H
ATOM	6565	O	HOH A	1	12.999	46.888	29.159	O
ATOM	6566	H1	HOH A	2	13.792	46.420	28.823	H
ATOM	6567	H2	HOH A	3	13.022	47.806	28.818	H
ATOM	6568	O	HOH A	1	12.985	46.936	51.262	O
ATOM	6569	H1	HOH A	2	13.785	46.472	50.938	H
ATOM	6570	H2	HOH A	3	13.008	47.854	50.921	H
ATOM	6571	O	HOH A	1	35.593	47.103	6.987	O
ATOM	6572	H1	HOH A	2	36.392	46.645	6.651	H
ATOM	6573	H2	HOH A	3	35.608	48.023	6.649	H
ATOM	6574	O	HOH A	1	35.628	46.904	29.134	O
ATOM	6575	H1	HOH A	2	36.424	46.443	28.794	H
ATOM	6576	H2	HOH A	3	35.641	47.822	28.792	H
ATOM	6577	O	HOH A	1	35.626	46.972	51.205	O
ATOM	6578	H1	HOH A	2	36.431	46.515	50.883	H
ATOM	6579	H2	HOH A	3	35.637	47.887	50.856	H
ATOM	6580	O	HOH A	1	58.217	46.964	6.946	O
ATOM	6581	H1	HOH A	2	59.013	46.490	6.628	H
ATOM	6582	H2	HOH A	3	58.248	47.878	6.594	H
ATOM	6583	O	HOH A	1	58.234	46.903	29.072	O
ATOM	6584	H1	HOH A	2	59.032	46.440	28.743	H
ATOM	6585	H2	HOH A	3	58.255	47.821	28.730	H
ATOM	6586	O	HOH A	1	58.202	46.977	51.237	O
ATOM	6587	H1	HOH A	2	58.996	46.507	50.906	H
ATOM	6588	H2	HOH A	3	58.222	47.891	50.885	H
ATOM	6589	O	HOH A	1	17.561	46.929	7.030	O
ATOM	6590	H1	HOH A	2	18.358	46.476	6.684	H

ATOM	6591	H2	HOH A	3	16.773	46.459	6.686	H
ATOM	6592	O	HOH A	1	17.552	46.880	29.174	O
ATOM	6593	H1	HOH A	2	18.351	46.428	28.832	H
ATOM	6594	H2	HOH A	3	16.766	46.410	28.827	H
ATOM	6595	O	HOH A	1	17.543	46.914	51.278	O
ATOM	6596	H1	HOH A	2	18.340	46.461	50.932	H
ATOM	6597	H2	HOH A	3	16.754	46.443	50.938	H
ATOM	6598	O	HOH A	1	40.153	47.093	6.993	O
ATOM	6599	H1	HOH A	2	40.948	46.637	6.646	H
ATOM	6600	H2	HOH A	3	39.362	46.627	6.649	H
ATOM	6601	O	HOH A	1	40.181	46.890	29.121	O
ATOM	6602	H1	HOH A	2	40.979	46.437	28.777	H
ATOM	6603	H2	HOH A	3	39.394	46.421	28.775	H
ATOM	6604	O	HOH A	1	40.178	46.978	51.217	O
ATOM	6605	H1	HOH A	2	40.977	46.523	50.875	H
ATOM	6606	H2	HOH A	3	39.391	46.505	50.874	H
ATOM	6607	O	HOH A	1	62.773	46.900	6.978	O
ATOM	6608	H1	HOH A	2	63.569	46.441	6.636	H
ATOM	6609	H2	HOH A	3	61.983	46.430	6.638	H
ATOM	6610	O	HOH A	1	62.771	46.874	29.107	O
ATOM	6611	H1	HOH A	2	63.570	46.422	28.764	H
ATOM	6612	H2	HOH A	3	61.984	46.405	28.757	H
ATOM	6613	O	HOH A	1	62.740	46.940	51.261	O
ATOM	6614	H1	HOH A	2	63.534	46.484	50.912	H
ATOM	6615	H2	HOH A	3	61.948	46.476	50.917	H
ATOM	6616	O	HOH A	1	1.708	27.319	6.978	O
ATOM	6617	H1	HOH A	2	2.517	26.871	6.652	H
ATOM	6618	H2	HOH A	3	1.734	27.314	7.957	H
ATOM	6619	O	HOH A	1	1.669	27.335	29.123	O
ATOM	6620	H1	HOH A	2	2.476	26.888	28.791	H
ATOM	6621	H2	HOH A	3	1.697	27.321	30.103	H
ATOM	6622	O	HOH A	1	1.672	27.389	51.259	O
ATOM	6623	H1	HOH A	2	2.475	26.933	50.930	H
ATOM	6624	H2	HOH A	3	1.698	27.378	52.239	H
ATOM	6625	O	HOH A	1	24.289	27.470	7.014	O
ATOM	6626	H1	HOH A	2	25.093	27.025	6.675	H

ATOM	6627	H2	HOH A	3	24.322	27.452	7.993	H
ATOM	6628	O	HOH A	1	24.289	27.342	29.156	O
ATOM	6629	H1	HOH A	2	25.096	26.890	28.832	H
ATOM	6630	H2	HOH A	3	24.312	27.337	30.136	H
ATOM	6631	O	HOH A	1	24.281	27.402	51.242	O
ATOM	6632	H1	HOH A	2	25.083	26.942	50.918	H
ATOM	6633	H2	HOH A	3	24.310	27.407	52.222	H
ATOM	6634	O	HOH A	1	46.875	27.524	6.944	O
ATOM	6635	H1	HOH A	2	47.682	27.076	6.612	H
ATOM	6636	H2	HOH A	3	46.901	27.507	7.924	H
ATOM	6637	O	HOH A	1	46.919	27.362	29.075	O
ATOM	6638	H1	HOH A	2	47.722	26.907	28.746	H
ATOM	6639	H2	HOH A	3	46.943	27.350	30.054	H
ATOM	6640	O	HOH A	1	46.898	27.444	51.209	O
ATOM	6641	H1	HOH A	2	47.701	26.987	50.883	H
ATOM	6642	H2	HOH A	3	46.930	27.451	52.188	H
ATOM	6643	O	HOH A	1	6.248	27.321	7.010	O
ATOM	6644	H1	HOH A	2	7.046	26.862	6.673	H
ATOM	6645	H2	HOH A	3	6.266	28.243	6.678	H
ATOM	6646	O	HOH A	1	6.198	27.332	29.149	O
ATOM	6647	H1	HOH A	2	7.000	26.881	28.812	H
ATOM	6648	H2	HOH A	3	6.209	28.255	28.820	H
ATOM	6649	O	HOH A	1	6.191	27.383	51.272	O
ATOM	6650	H1	HOH A	2	6.995	26.934	50.937	H
ATOM	6651	H2	HOH A	3	6.203	28.308	50.947	H
ATOM	6652	O	HOH A	1	28.806	27.515	7.014	O
ATOM	6653	H1	HOH A	2	29.605	27.062	6.672	H
ATOM	6654	H2	HOH A	3	28.819	28.439	6.686	H
ATOM	6655	O	HOH A	1	28.823	27.341	29.175	O
ATOM	6656	H1	HOH A	2	29.623	26.890	28.836	H
ATOM	6657	H2	HOH A	3	28.834	28.265	28.848	H
ATOM	6658	O	HOH A	1	28.813	27.396	51.254	O
ATOM	6659	H1	HOH A	2	29.614	26.943	50.916	H
ATOM	6660	H2	HOH A	3	28.823	28.318	50.922	H
ATOM	6661	O	HOH A	1	51.424	27.485	6.956	O
ATOM	6662	H1	HOH A	2	52.221	27.029	6.615	H

ATOM	6663	H2	HOH A	3	51.439	28.408	6.627	H
ATOM	6664	O	HOH A	1	51.457	27.346	29.080	O
ATOM	6665	H1	HOH A	2	52.257	26.894	28.739	H
ATOM	6666	H2	HOH A	3	51.466	28.268	28.748	H
ATOM	6667	O	HOH A	1	51.425	27.439	51.226	O
ATOM	6668	H1	HOH A	2	52.226	26.987	50.890	H
ATOM	6669	H2	HOH A	3	51.437	28.362	50.897	H
ATOM	6670	O	HOH A	1	10.787	27.300	7.009	O
ATOM	6671	H1	HOH A	2	10.767	28.221	6.674	H
ATOM	6672	H2	HOH A	3	10.801	27.334	7.988	H
ATOM	6673	O	HOH A	1	10.749	27.300	29.160	O
ATOM	6674	H1	HOH A	2	10.737	28.223	28.828	H
ATOM	6675	H2	HOH A	3	10.757	27.331	30.139	H
ATOM	6676	O	HOH A	1	10.747	27.348	51.296	O
ATOM	6677	H1	HOH A	2	10.740	28.269	50.961	H
ATOM	6678	H2	HOH A	3	10.763	27.382	52.275	H
ATOM	6679	O	HOH A	1	33.346	27.500	7.005	O
ATOM	6680	H1	HOH A	2	33.335	28.425	6.681	H
ATOM	6681	H2	HOH A	3	33.354	27.523	7.985	H
ATOM	6682	O	HOH A	1	33.370	27.316	29.152	O
ATOM	6683	H1	HOH A	2	33.361	28.241	28.828	H
ATOM	6684	H2	HOH A	3	33.382	27.338	30.131	H
ATOM	6685	O	HOH A	1	33.378	27.367	51.226	O
ATOM	6686	H1	HOH A	2	33.370	28.288	50.892	H
ATOM	6687	H2	HOH A	3	33.393	27.399	52.205	H
ATOM	6688	O	HOH A	1	55.968	27.393	6.944	O
ATOM	6689	H1	HOH A	2	55.958	28.317	6.618	H
ATOM	6690	H2	HOH A	3	55.973	27.417	7.924	H
ATOM	6691	O	HOH A	1	55.984	27.308	29.077	O
ATOM	6692	H1	HOH A	2	55.979	28.229	28.742	H
ATOM	6693	H2	HOH A	3	55.989	27.343	30.057	H
ATOM	6694	O	HOH A	1	55.962	27.395	51.232	O
ATOM	6695	H1	HOH A	2	55.957	28.315	50.893	H
ATOM	6696	H2	HOH A	3	55.972	27.433	52.211	H
ATOM	6697	O	HOH A	1	15.316	27.346	7.025	O
ATOM	6698	H1	HOH A	2	16.118	26.884	6.702	H

ATOM	6699	H2	HOH A	3	15.325	28.257	6.664	H
ATOM	6700	O	HOH A	1	15.294	27.327	29.194	O
ATOM	6701	H1	HOH A	2	16.094	26.867	28.865	H
ATOM	6702	H2	HOH A	3	15.302	28.240	28.839	H
ATOM	6703	O	HOH A	1	15.285	27.359	51.286	O
ATOM	6704	H1	HOH A	2	16.083	26.893	50.960	H
ATOM	6705	H2	HOH A	3	15.298	28.270	50.925	H
ATOM	6706	O	HOH A	1	37.875	27.531	7.014	O
ATOM	6707	H1	HOH A	2	38.672	27.065	6.686	H
ATOM	6708	H2	HOH A	3	37.886	28.441	6.651	H
ATOM	6709	O	HOH A	1	37.922	27.326	29.132	O
ATOM	6710	H1	HOH A	2	38.719	26.861	28.799	H
ATOM	6711	H2	HOH A	3	37.933	28.238	28.775	H
ATOM	6712	O	HOH A	1	37.919	27.404	51.212	O
ATOM	6713	H1	HOH A	2	38.722	26.945	50.889	H
ATOM	6714	H2	HOH A	3	37.921	28.313	50.846	H
ATOM	6715	O	HOH A	1	60.503	27.376	6.974	O
ATOM	6716	H1	HOH A	2	61.303	26.911	6.651	H
ATOM	6717	H2	HOH A	3	60.518	28.289	6.619	H
ATOM	6718	O	HOH A	1	60.504	27.328	29.109	O
ATOM	6719	H1	HOH A	2	61.303	26.861	28.785	H
ATOM	6720	H2	HOH A	3	60.520	28.240	28.749	H
ATOM	6721	O	HOH A	1	60.495	27.398	51.249	O
ATOM	6722	H1	HOH A	2	61.294	26.936	50.920	H
ATOM	6723	H2	HOH A	3	60.504	28.311	50.893	H
ATOM	6724	O	HOH A	1	19.795	27.426	6.997	O
ATOM	6725	H1	HOH A	2	20.606	26.972	6.685	H
ATOM	6726	H2	HOH A	3	19.797	27.409	7.977	H
ATOM	6727	O	HOH A	1	19.782	27.353	29.154	O
ATOM	6728	H1	HOH A	2	20.587	26.887	28.846	H
ATOM	6729	H2	HOH A	3	19.784	27.346	30.134	H
ATOM	6730	O	HOH A	1	19.781	27.394	51.241	O
ATOM	6731	H1	HOH A	2	20.583	26.920	50.936	H
ATOM	6732	H2	HOH A	3	19.785	27.396	52.221	H
ATOM	6733	O	HOH A	1	42.391	27.546	6.943	O
ATOM	6734	H1	HOH A	2	43.192	27.077	6.628	H

ATOM	6735	H2	HOH A	3	42.402	27.538	7.923	H
ATOM	6736	O	HOH A	1	42.424	27.355	29.076	O
ATOM	6737	H1	HOH A	2	43.228	26.891	28.764	H
ATOM	6738	H2	HOH A	3	42.430	27.346	30.056	H
ATOM	6739	O	HOH A	1	42.407	27.441	51.192	O
ATOM	6740	H1	HOH A	2	43.210	26.971	50.883	H
ATOM	6741	H2	HOH A	3	42.413	27.440	52.172	H
ATOM	6742	O	HOH A	1	65.000	27.355	6.964	O
ATOM	6743	H1	HOH A	2	65.803	26.890	6.648	H
ATOM	6744	H2	HOH A	3	65.010	27.343	7.944	H
ATOM	6745	O	HOH A	1	64.987	27.341	29.090	O
ATOM	6746	H1	HOH A	2	65.790	26.877	28.772	H
ATOM	6747	H2	HOH A	3	65.000	27.331	30.070	H
ATOM	6748	O	HOH A	1	64.978	27.408	51.243	O
ATOM	6749	H1	HOH A	2	65.780	26.938	50.934	H
ATOM	6750	H2	HOH A	3	64.987	27.410	52.223	H
ATOM	6751	O	HOH A	1	22.073	31.372	7.018	O
ATOM	6752	H1	HOH A	2	22.882	30.911	6.713	H
ATOM	6753	H2	HOH A	3	22.072	31.365	7.998	H
ATOM	6754	O	HOH A	1	22.081	31.275	29.170	O
ATOM	6755	H1	HOH A	2	22.887	30.805	28.870	H
ATOM	6756	H2	HOH A	3	22.078	31.274	30.150	H
ATOM	6757	O	HOH A	1	22.077	31.329	51.251	O
ATOM	6758	H1	HOH A	2	22.885	30.862	50.952	H
ATOM	6759	H2	HOH A	3	22.072	31.331	52.231	H
ATOM	6760	O	HOH A	1	44.663	31.482	6.950	O
ATOM	6761	H1	HOH A	2	45.465	31.005	6.654	H
ATOM	6762	H2	HOH A	3	44.656	31.483	7.930	H
ATOM	6763	O	HOH A	1	44.711	31.289	29.069	O
ATOM	6764	H1	HOH A	2	45.517	30.816	28.772	H
ATOM	6765	H2	HOH A	3	44.706	31.293	30.049	H
ATOM	6766	O	HOH A	1	44.695	31.391	51.196	O
ATOM	6767	H1	HOH A	2	45.503	30.919	50.904	H
ATOM	6768	H2	HOH A	3	44.686	31.398	52.176	H
ATOM	6769	O	HOH A	1	67.294	31.257	6.975	O
ATOM	6770	H1	HOH A	2	68.099	30.788	6.671	H

ATOM	6771	H2	HOH A	3	67.290	31.250	7.955	H
ATOM	6772	O	HOH A	1	67.274	31.277	29.106	O
ATOM	6773	H1	HOH A	2	68.076	30.799	28.808	H
ATOM	6774	H2	HOH A	3	67.268	31.276	30.086	H
ATOM	6775	O	HOH A	1	67.262	31.331	51.257	O
ATOM	6776	H1	HOH A	2	68.064	30.857	50.953	H
ATOM	6777	H2	HOH A	3	67.266	31.336	52.237	H
ATOM	6778	O	HOH A	1	4.049	31.222	6.999	O
ATOM	6779	H1	HOH A	2	4.048	32.151	6.687	H
ATOM	6780	H2	HOH A	3	4.041	31.233	7.979	H
ATOM	6781	O	HOH A	1	4.002	31.229	29.135	O
ATOM	6782	H1	HOH A	2	4.007	32.154	28.812	H
ATOM	6783	H2	HOH A	3	4.003	31.251	30.115	H
ATOM	6784	O	HOH A	1	3.994	31.306	51.265	O
ATOM	6785	H1	HOH A	2	3.987	32.232	50.943	H
ATOM	6786	H2	HOH A	3	3.995	31.327	52.245	H
ATOM	6787	O	HOH A	1	26.622	31.401	7.006	O
ATOM	6788	H1	HOH A	2	26.614	32.330	6.694	H
ATOM	6789	H2	HOH A	3	26.614	31.411	7.986	H
ATOM	6790	O	HOH A	1	26.634	31.239	29.161	O
ATOM	6791	H1	HOH A	2	26.634	32.166	28.840	H
ATOM	6792	H2	HOH A	3	26.626	31.258	30.140	H
ATOM	6793	O	HOH A	1	26.625	31.310	51.251	O
ATOM	6794	H1	HOH A	2	26.615	32.235	50.926	H
ATOM	6795	H2	HOH A	3	26.628	31.334	52.231	H
ATOM	6796	O	HOH A	1	49.210	31.409	6.944	O
ATOM	6797	H1	HOH A	2	49.212	32.336	6.625	H
ATOM	6798	H2	HOH A	3	49.212	31.426	7.924	H
ATOM	6799	O	HOH A	1	49.264	31.249	29.060	O
ATOM	6800	H1	HOH A	2	49.262	32.180	28.754	H
ATOM	6801	H2	HOH A	3	49.255	31.252	30.040	H
ATOM	6802	O	HOH A	1	49.232	31.355	51.217	O
ATOM	6803	H1	HOH A	2	49.229	32.279	50.889	H
ATOM	6804	H2	HOH A	3	49.222	31.380	52.196	H
ATOM	6805	O	HOH A	1	8.572	31.231	6.990	O
ATOM	6806	H1	HOH A	2	7.761	30.780	6.676	H

ATOM	6807	H2	HOH A	3	8.564	31.222	7.970	H
ATOM	6808	O	HOH A	1	8.532	31.249	29.139	O
ATOM	6809	H1	HOH A	2	7.719	30.797	28.828	H
ATOM	6810	H2	HOH A	3	8.523	31.249	30.119	H
ATOM	6811	O	HOH A	1	8.534	31.292	51.266	O
ATOM	6812	H1	HOH A	2	7.722	30.838	50.955	H
ATOM	6813	H2	HOH A	3	8.526	31.290	52.246	H
ATOM	6814	O	HOH A	1	31.152	31.434	6.997	O
ATOM	6815	H1	HOH A	2	30.343	30.977	6.686	H
ATOM	6816	H2	HOH A	3	31.143	31.433	7.977	H
ATOM	6817	O	HOH A	1	31.170	31.248	29.137	O
ATOM	6818	H1	HOH A	2	30.356	30.799	28.827	H
ATOM	6819	H2	HOH A	3	31.161	31.248	30.117	H
ATOM	6820	O	HOH A	1	31.165	31.310	51.226	O
ATOM	6821	H1	HOH A	2	30.350	30.857	50.922	H
ATOM	6822	H2	HOH A	3	31.157	31.323	52.205	H
ATOM	6823	O	HOH A	1	53.754	31.363	6.922	O
ATOM	6824	H1	HOH A	2	52.938	30.919	6.610	H
ATOM	6825	H2	HOH A	3	53.745	31.361	7.902	H
ATOM	6826	O	HOH A	1	53.792	31.247	29.056	O
ATOM	6827	H1	HOH A	2	52.978	30.802	28.741	H
ATOM	6828	H2	HOH A	3	53.776	31.249	30.036	H
ATOM	6829	O	HOH A	1	53.766	31.342	51.201	O
ATOM	6830	H1	HOH A	2	52.956	30.887	50.891	H
ATOM	6831	H2	HOH A	3	53.755	31.349	52.181	H
ATOM	6832	O	HOH A	1	13.050	31.227	6.990	O
ATOM	6833	H1	HOH A	2	12.248	30.763	6.673	H
ATOM	6834	H2	HOH A	3	13.035	31.222	7.970	H
ATOM	6835	O	HOH A	1	13.020	31.226	29.147	O
ATOM	6836	H1	HOH A	2	12.217	30.767	28.824	H
ATOM	6837	H2	HOH A	3	13.000	31.220	30.126	H
ATOM	6838	O	HOH A	1	13.019	31.270	51.253	O
ATOM	6839	H1	HOH A	2	12.215	30.808	50.935	H
ATOM	6840	H2	HOH A	3	13.006	31.262	52.233	H
ATOM	6841	O	HOH A	1	35.631	31.436	6.976	O
ATOM	6842	H1	HOH A	2	34.826	30.975	6.662	H

ATOM	6843	H2	HOH A	3	35.622	31.428	7.956	H
ATOM	6844	O	HOH A	1	35.669	31.230	29.098	O
ATOM	6845	H1	HOH A	2	34.862	30.772	28.782	H
ATOM	6846	H2	HOH A	3	35.660	31.216	30.078	H
ATOM	6847	O	HOH A	1	35.655	31.305	51.178	O
ATOM	6848	H1	HOH A	2	34.853	30.836	50.867	H
ATOM	6849	H2	HOH A	3	35.640	31.314	52.158	H
ATOM	6850	O	HOH A	1	58.241	31.298	6.933	O
ATOM	6851	H1	HOH A	2	57.436	30.839	6.615	H
ATOM	6852	H2	HOH A	3	58.224	31.296	7.913	H
ATOM	6853	O	HOH A	1	58.250	31.228	29.068	O
ATOM	6854	H1	HOH A	2	57.447	30.768	28.745	H
ATOM	6855	H2	HOH A	3	58.231	31.221	30.047	H
ATOM	6856	O	HOH A	1	58.238	31.320	51.207	O
ATOM	6857	H1	HOH A	2	57.434	30.859	50.890	H
ATOM	6858	H2	HOH A	3	58.219	31.323	52.187	H
ATOM	6859	O	HOH A	1	17.564	31.286	6.981	O
ATOM	6860	H1	HOH A	2	18.378	30.838	6.669	H
ATOM	6861	H2	HOH A	3	17.570	31.278	7.961	H
ATOM	6862	O	HOH A	1	17.544	31.229	29.141	O
ATOM	6863	H1	HOH A	2	18.358	30.777	28.834	H
ATOM	6864	H2	HOH A	3	17.546	31.221	30.121	H
ATOM	6865	O	HOH A	1	17.552	31.277	51.243	O
ATOM	6866	H1	HOH A	2	18.361	30.818	50.934	H
ATOM	6867	H2	HOH A	3	17.561	31.278	52.223	H
ATOM	6868	O	HOH A	1	40.150	31.445	6.935	O
ATOM	6869	H1	HOH A	2	40.955	30.977	6.629	H
ATOM	6870	H2	HOH A	3	40.158	31.450	7.915	H
ATOM	6871	O	HOH A	1	40.197	31.231	29.063	O
ATOM	6872	H1	HOH A	2	41.004	30.770	28.753	H
ATOM	6873	H2	HOH A	3	40.203	31.227	30.043	H
ATOM	6874	O	HOH A	1	40.174	31.333	51.166	O
ATOM	6875	H1	HOH A	2	40.990	30.881	50.864	H
ATOM	6876	H2	HOH A	3	40.178	31.343	52.145	H
ATOM	6877	O	HOH A	1	62.775	31.260	6.945	O
ATOM	6878	H1	HOH A	2	63.580	30.793	6.638	H

ATOM	6879	H2	HOH A	3	62.780	31.261	7.925	H
ATOM	6880	O	HOH A	1	62.770	31.225	29.065	O
ATOM	6881	H1	HOH A	2	63.576	30.760	28.759	H
ATOM	6882	H2	HOH A	3	62.779	31.232	30.045	H
ATOM	6883	O	HOH A	1	62.746	31.308	51.225	O
ATOM	6884	H1	HOH A	2	63.556	30.849	50.920	H
ATOM	6885	H2	HOH A	3	62.754	31.319	52.205	H
ATOM	6886	O	HOH A	1	1.775	35.145	6.997	O
ATOM	6887	H1	HOH A	2	2.562	34.667	6.661	H
ATOM	6888	H2	HOH A	3	0.977	34.681	6.669	H
ATOM	6889	O	HOH A	1	1.756	35.168	29.131	O
ATOM	6890	H1	HOH A	2	2.545	34.695	28.794	H
ATOM	6891	H2	HOH A	3	0.960	34.705	28.794	H
ATOM	6892	O	HOH A	1	1.726	35.226	51.257	O
ATOM	6893	H1	HOH A	2	2.519	34.753	50.929	H
ATOM	6894	H2	HOH A	3	0.934	34.750	50.932	H
ATOM	6895	O	HOH A	1	24.344	35.300	7.026	O
ATOM	6896	H1	HOH A	2	25.139	34.834	6.690	H
ATOM	6897	H2	HOH A	3	23.553	34.827	6.692	H
ATOM	6898	O	HOH A	1	24.345	35.175	29.165	O
ATOM	6899	H1	HOH A	2	25.136	34.701	28.832	H
ATOM	6900	H2	HOH A	3	23.550	34.710	28.830	H
ATOM	6901	O	HOH A	1	24.341	35.234	51.246	O
ATOM	6902	H1	HOH A	2	25.131	34.765	50.904	H
ATOM	6903	H2	HOH A	3	23.546	34.758	50.929	H
ATOM	6904	O	HOH A	1	46.959	35.351	6.953	O
ATOM	6905	H1	HOH A	2	47.749	34.880	6.616	H
ATOM	6906	H2	HOH A	3	46.163	34.886	6.619	H
ATOM	6907	O	HOH A	1	47.002	35.184	29.064	O
ATOM	6908	H1	HOH A	2	47.794	34.712	28.730	H
ATOM	6909	H2	HOH A	3	46.208	34.715	28.733	H
ATOM	6910	O	HOH A	1	46.955	35.284	51.210	O
ATOM	6911	H1	HOH A	2	47.746	34.813	50.873	H
ATOM	6912	H2	HOH A	3	46.161	34.814	50.881	H
ATOM	6913	O	HOH A	1	6.283	35.136	6.999	O
ATOM	6914	H1	HOH A	2	7.088	34.672	6.686	H

ATOM	6915	H2	HOH A	3	6.291	35.127	7.979	H
ATOM	6916	O	HOH A	1	6.248	35.151	29.142	O
ATOM	6917	H1	HOH A	2	7.049	34.682	28.829	H
ATOM	6918	H2	HOH A	3	6.260	35.152	30.122	H
ATOM	6919	O	HOH A	1	6.242	35.215	51.261	O
ATOM	6920	H1	HOH A	2	7.039	34.739	50.949	H
ATOM	6921	H2	HOH A	3	6.252	35.212	52.241	H
ATOM	6922	O	HOH A	1	28.851	35.342	7.005	O
ATOM	6923	H1	HOH A	2	29.656	34.879	6.691	H
ATOM	6924	H2	HOH A	3	28.857	35.329	7.984	H
ATOM	6925	O	HOH A	1	28.876	35.159	29.151	O
ATOM	6926	H1	HOH A	2	29.677	34.690	28.836	H
ATOM	6927	H2	HOH A	3	28.891	35.159	30.130	H
ATOM	6928	O	HOH A	1	28.865	35.218	51.225	O
ATOM	6929	H1	HOH A	2	29.663	34.741	50.916	H
ATOM	6930	H2	HOH A	3	28.878	35.227	52.205	H
ATOM	6931	O	HOH A	1	51.461	35.298	6.939	O
ATOM	6932	H1	HOH A	2	52.259	34.822	6.628	H
ATOM	6933	H2	HOH A	3	51.464	35.286	7.919	H
ATOM	6934	O	HOH A	1	51.504	35.169	29.057	O
ATOM	6935	H1	HOH A	2	52.303	34.691	28.751	H
ATOM	6936	H2	HOH A	3	51.501	35.156	30.037	H
ATOM	6937	O	HOH A	1	51.476	35.257	51.203	O
ATOM	6938	H1	HOH A	2	52.273	34.777	50.898	H
ATOM	6939	H2	HOH A	3	51.483	35.266	52.183	H
ATOM	6940	O	HOH A	1	10.814	35.164	7.016	O
ATOM	6941	H1	HOH A	2	10.019	34.709	6.667	H
ATOM	6942	H2	HOH A	3	10.806	36.086	6.683	H
ATOM	6943	O	HOH A	1	10.764	35.177	29.144	O
ATOM	6944	H1	HOH A	2	9.966	34.725	28.796	H
ATOM	6945	H2	HOH A	3	10.760	36.098	28.810	H
ATOM	6946	O	HOH A	1	10.761	35.214	51.257	O
ATOM	6947	H1	HOH A	2	9.963	34.754	50.922	H
ATOM	6948	H2	HOH A	3	10.744	36.135	50.922	H
ATOM	6949	O	HOH A	1	33.370	35.371	6.985	O
ATOM	6950	H1	HOH A	2	32.570	34.917	6.648	H

ATOM	6951	H2	HOH A	3	33.355	36.294	6.655	H
ATOM	6952	O	HOH A	1	33.411	35.178	29.110	O
ATOM	6953	H1	HOH A	2	32.611	34.722	28.776	H
ATOM	6954	H2	HOH A	3	33.399	36.098	28.772	H
ATOM	6955	O	HOH A	1	33.392	35.248	51.210	O
ATOM	6956	H1	HOH A	2	32.600	34.782	50.869	H
ATOM	6957	H2	HOH A	3	33.371	36.168	50.873	H
ATOM	6958	O	HOH A	1	55.990	35.264	6.926	O
ATOM	6959	H1	HOH A	2	55.191	34.814	6.580	H
ATOM	6960	H2	HOH A	3	55.983	36.188	6.599	H
ATOM	6961	O	HOH A	1	56.018	35.177	29.059	O
ATOM	6962	H1	HOH A	2	55.224	34.719	28.711	H
ATOM	6963	H2	HOH A	3	56.007	36.098	28.724	H
ATOM	6964	O	HOH A	1	55.973	35.261	51.223	O
ATOM	6965	H1	HOH A	2	55.178	34.802	50.880	H
ATOM	6966	H2	HOH A	3	55.958	36.182	50.888	H
ATOM	6967	O	HOH A	1	15.317	35.155	7.027	O
ATOM	6968	H1	HOH A	2	14.515	34.708	6.686	H
ATOM	6969	H2	HOH A	3	15.314	36.077	6.695	H
ATOM	6970	O	HOH A	1	15.274	35.123	29.179	O
ATOM	6971	H1	HOH A	2	14.471	34.679	28.836	H
ATOM	6972	H2	HOH A	3	15.273	36.047	28.851	H
ATOM	6973	O	HOH A	1	15.284	35.163	51.265	O
ATOM	6974	H1	HOH A	2	14.480	34.717	50.926	H
ATOM	6975	H2	HOH A	3	15.278	36.087	50.939	H
ATOM	6976	O	HOH A	1	37.904	35.333	6.985	O
ATOM	6977	H1	HOH A	2	37.103	34.887	6.639	H
ATOM	6978	H2	HOH A	3	37.898	36.258	6.662	H
ATOM	6979	O	HOH A	1	37.943	35.131	29.092	O
ATOM	6980	H1	HOH A	2	37.140	34.684	28.751	H
ATOM	6981	H2	HOH A	3	37.937	36.055	28.766	H
ATOM	6982	O	HOH A	1	37.916	35.199	51.221	O
ATOM	6983	H1	HOH A	2	37.117	34.749	50.876	H
ATOM	6984	H2	HOH A	3	37.909	36.123	50.892	H
ATOM	6985	O	HOH A	1	60.513	35.165	6.956	O
ATOM	6986	H1	HOH A	2	59.709	34.725	6.608	H

ATOM	6987	H2	HOH A	3	60.517	36.089	6.631	H
ATOM	6988	O	HOH A	1	60.530	35.113	29.080	O
ATOM	6989	H1	HOH A	2	59.731	34.666	28.732	H
ATOM	6990	H2	HOH A	3	60.529	36.036	28.751	H
ATOM	6991	O	HOH A	1	60.498	35.200	51.244	O
ATOM	6992	H1	HOH A	2	59.698	34.749	50.902	H
ATOM	6993	H2	HOH A	3	60.491	36.122	50.911	H
ATOM	6994	O	HOH A	1	19.844	35.243	6.996	O
ATOM	6995	H1	HOH A	2	19.043	34.781	6.673	H
ATOM	6996	H2	HOH A	3	19.814	36.167	6.671	H
ATOM	6997	O	HOH A	1	19.813	35.171	29.139	O
ATOM	6998	H1	HOH A	2	19.006	34.712	28.828	H
ATOM	6999	H2	HOH A	3	19.785	36.092	28.806	H
ATOM	7000	O	HOH A	1	19.836	35.206	51.232	O
ATOM	7001	H1	HOH A	2	19.031	34.742	50.919	H
ATOM	7002	H2	HOH A	3	19.802	36.128	50.902	H
ATOM	7003	O	HOH A	1	42.433	35.375	6.940	O
ATOM	7004	H1	HOH A	2	41.631	34.911	6.621	H
ATOM	7005	H2	HOH A	3	42.403	36.296	6.607	H
ATOM	7006	O	HOH A	1	42.492	35.177	29.055	O
ATOM	7007	H1	HOH A	2	41.691	34.714	28.733	H
ATOM	7008	H2	HOH A	3	42.460	36.101	28.729	H
ATOM	7009	O	HOH A	1	42.454	35.264	51.184	O
ATOM	7010	H1	HOH A	2	41.654	34.799	50.864	H
ATOM	7011	H2	HOH A	3	42.423	36.186	50.851	H
ATOM	7012	O	HOH A	1	65.065	35.181	6.955	O
ATOM	7013	H1	HOH A	2	64.261	34.720	6.637	H
ATOM	7014	H2	HOH A	3	65.039	36.102	6.620	H
ATOM	7015	O	HOH A	1	65.046	35.168	29.071	O
ATOM	7016	H1	HOH A	2	64.247	34.705	28.746	H
ATOM	7017	H2	HOH A	3	65.016	36.091	28.742	H
ATOM	7018	O	HOH A	1	65.029	35.222	51.229	O
ATOM	7019	H1	HOH A	2	64.221	34.762	50.919	H
ATOM	7020	H2	HOH A	3	65.001	36.143	50.893	H
ATOM	7021	O	HOH A	1	22.063	39.173	6.978	O
ATOM	7022	H1	HOH A	2	22.867	38.704	6.673	H

ATOM	7023	H2	HOH A	3	22.067	39.175	7.958	H
ATOM	7024	O	HOH A	1	22.057	39.073	29.131	O
ATOM	7025	H1	HOH A	2	22.856	38.597	28.824	H
ATOM	7026	H2	HOH A	3	22.063	39.075	30.111	H
ATOM	7027	O	HOH A	1	22.065	39.138	51.229	O
ATOM	7028	H1	HOH A	2	22.859	38.654	50.920	H
ATOM	7029	H2	HOH A	3	22.073	39.139	52.209	H
ATOM	7030	O	HOH A	1	44.654	39.282	6.917	O
ATOM	7031	H1	HOH A	2	45.448	38.797	6.608	H
ATOM	7032	H2	HOH A	3	44.659	39.278	7.897	H
ATOM	7033	O	HOH A	1	44.707	39.100	29.039	O
ATOM	7034	H1	HOH A	2	45.506	38.620	28.734	H
ATOM	7035	H2	HOH A	3	44.709	39.100	30.019	H
ATOM	7036	O	HOH A	1	44.658	39.192	51.164	O
ATOM	7037	H1	HOH A	2	45.459	38.716	50.860	H
ATOM	7038	H2	HOH A	3	44.671	39.211	52.144	H
ATOM	7039	O	HOH A	1	67.281	39.079	6.959	O
ATOM	7040	H1	HOH A	2	68.079	38.600	6.654	H
ATOM	7041	H2	HOH A	3	67.282	39.076	7.939	H
ATOM	7042	O	HOH A	1	67.269	39.088	29.070	O
ATOM	7043	H1	HOH A	2	68.062	38.599	28.766	H
ATOM	7044	H2	HOH A	3	67.271	39.090	30.050	H
ATOM	7045	O	HOH A	1	67.246	39.139	51.219	O
ATOM	7046	H1	HOH A	2	68.042	38.659	50.911	H
ATOM	7047	H2	HOH A	3	67.254	39.141	52.199	H
ATOM	7048	O	HOH A	1	4.000	39.027	6.994	O
ATOM	7049	H1	HOH A	2	4.798	38.567	6.662	H
ATOM	7050	H2	HOH A	3	3.213	38.550	6.658	H
ATOM	7051	O	HOH A	1	3.974	39.062	29.110	O
ATOM	7052	H1	HOH A	2	4.774	38.598	28.783	H
ATOM	7053	H2	HOH A	3	3.188	38.584	28.771	H
ATOM	7054	O	HOH A	1	3.960	39.098	51.261	O
ATOM	7055	H1	HOH A	2	4.757	38.633	50.930	H
ATOM	7056	H2	HOH A	3	3.171	38.626	50.921	H
ATOM	7057	O	HOH A	1	26.569	39.211	7.001	O
ATOM	7058	H1	HOH A	2	27.372	38.757	6.670	H

ATOM	7059	H2	HOH A	3	25.786	38.730	6.660	H
ATOM	7060	O	HOH A	1	26.583	39.051	29.151	O
ATOM	7061	H1	HOH A	2	27.379	38.591	28.811	H
ATOM	7062	H2	HOH A	3	25.793	38.582	28.809	H
ATOM	7063	O	HOH A	1	26.577	39.118	51.228	O
ATOM	7064	H1	HOH A	2	27.375	38.654	50.898	H
ATOM	7065	H2	HOH A	3	25.789	38.643	50.892	H
ATOM	7066	O	HOH A	1	49.179	39.226	6.938	O
ATOM	7067	H1	HOH A	2	49.975	38.759	6.609	H
ATOM	7068	H2	HOH A	3	48.390	38.756	6.597	H
ATOM	7069	O	HOH A	1	49.236	39.063	29.053	O
ATOM	7070	H1	HOH A	2	50.032	38.601	28.717	H
ATOM	7071	H2	HOH A	3	48.446	38.592	28.714	H
ATOM	7072	O	HOH A	1	49.182	39.157	51.184	O
ATOM	7073	H1	HOH A	2	49.976	38.683	50.858	H
ATOM	7074	H2	HOH A	3	48.390	38.689	50.847	H
ATOM	7075	O	HOH A	1	8.546	39.057	6.982	O
ATOM	7076	H1	HOH A	2	7.741	38.594	6.671	H
ATOM	7077	H2	HOH A	3	8.541	39.050	7.962	H
ATOM	7078	O	HOH A	1	8.517	39.081	29.130	O
ATOM	7079	H1	HOH A	2	7.718	38.615	28.804	H
ATOM	7080	H2	HOH A	3	8.496	39.069	30.110	H
ATOM	7081	O	HOH A	1	8.501	39.132	51.240	O
ATOM	7082	H1	HOH A	2	7.697	38.666	50.927	H
ATOM	7083	H2	HOH A	3	8.492	39.127	52.220	H
ATOM	7084	O	HOH A	1	31.116	39.283	6.978	O
ATOM	7085	H1	HOH A	2	30.315	38.817	6.658	H
ATOM	7086	H2	HOH A	3	31.100	39.276	7.958	H
ATOM	7087	O	HOH A	1	31.131	39.084	29.099	O
ATOM	7088	H1	HOH A	2	30.325	38.622	28.787	H
ATOM	7089	H2	HOH A	3	31.122	39.079	30.078	H
ATOM	7090	O	HOH A	1	31.128	39.160	51.205	O
ATOM	7091	H1	HOH A	2	30.322	38.696	50.897	H
ATOM	7092	H2	HOH A	3	31.123	39.156	52.185	H
ATOM	7093	O	HOH A	1	53.740	39.215	6.910	O
ATOM	7094	H1	HOH A	2	52.933	38.759	6.594	H

ATOM	7095	H2	HOH A	3	53.729	39.206	7.890	H
ATOM	7096	O	HOH A	1	53.777	39.099	29.039	O
ATOM	7097	H1	HOH A	2	52.979	38.631	28.716	H
ATOM	7098	H2	HOH A	3	53.761	39.084	30.019	H
ATOM	7099	O	HOH A	1	53.710	39.177	51.177	O
ATOM	7100	H1	HOH A	2	52.910	38.705	50.865	H
ATOM	7101	H2	HOH A	3	53.700	39.174	52.157	H
ATOM	7102	O	HOH A	1	13.050	39.061	7.028	O
ATOM	7103	H1	HOH A	2	13.863	38.618	6.707	H
ATOM	7104	H2	HOH A	3	13.057	39.984	6.699	H
ATOM	7105	O	HOH A	1	13.021	39.069	29.174	O
ATOM	7106	H1	HOH A	2	13.832	38.621	28.853	H
ATOM	7107	H2	HOH A	3	13.039	39.994	28.852	H
ATOM	7108	O	HOH A	1	13.015	39.096	51.279	O
ATOM	7109	H1	HOH A	2	13.822	38.647	50.951	H
ATOM	7110	H2	HOH A	3	13.030	40.021	50.953	H
ATOM	7111	O	HOH A	1	35.622	39.263	6.989	O
ATOM	7112	H1	HOH A	2	36.431	38.818	6.659	H
ATOM	7113	H2	HOH A	3	35.628	40.186	6.659	H
ATOM	7114	O	HOH A	1	35.668	39.057	29.114	O
ATOM	7115	H1	HOH A	2	36.474	38.613	28.779	H
ATOM	7116	H2	HOH A	3	35.672	39.981	28.787	H
ATOM	7117	O	HOH A	1	35.641	39.146	51.206	O
ATOM	7118	H1	HOH A	2	36.449	38.695	50.883	H
ATOM	7119	H2	HOH A	3	35.655	40.068	50.874	H
ATOM	7120	O	HOH A	1	58.241	39.112	6.974	O
ATOM	7121	H1	HOH A	2	59.053	38.667	6.652	H
ATOM	7122	H2	HOH A	3	58.255	40.038	6.654	H
ATOM	7123	O	HOH A	1	58.279	39.070	29.081	O
ATOM	7124	H1	HOH A	2	59.090	38.625	28.759	H
ATOM	7125	H2	HOH A	3	58.289	39.993	28.753	H
ATOM	7126	O	HOH A	1	58.214	39.138	51.227	O
ATOM	7127	H1	HOH A	2	59.027	38.695	50.905	H
ATOM	7128	H2	HOH A	3	58.222	40.061	50.898	H
ATOM	7129	O	HOH A	1	17.545	39.130	7.027	O
ATOM	7130	H1	HOH A	2	18.359	38.684	6.711	H

ATOM	7131	H2	HOH A	3	17.561	39.129	8.007	H
ATOM	7132	O	HOH A	1	17.516	39.083	29.170	O
ATOM	7133	H1	HOH A	2	18.327	38.629	28.858	H
ATOM	7134	H2	HOH A	3	17.522	39.076	30.150	H
ATOM	7135	O	HOH A	1	17.511	39.117	51.263	O
ATOM	7136	H1	HOH A	2	18.327	38.673	50.951	H
ATOM	7137	H2	HOH A	3	17.525	39.122	52.243	H
ATOM	7138	O	HOH A	1	40.122	39.292	6.975	O
ATOM	7139	H1	HOH A	2	40.929	38.836	6.658	H
ATOM	7140	H2	HOH A	3	40.138	39.290	7.955	H
ATOM	7141	O	HOH A	1	40.175	39.081	29.080	O
ATOM	7142	H1	HOH A	2	40.983	38.626	28.764	H
ATOM	7143	H2	HOH A	3	40.183	39.069	30.060	H
ATOM	7144	O	HOH A	1	40.146	39.153	51.206	O
ATOM	7145	H1	HOH A	2	40.956	38.699	50.894	H
ATOM	7146	H2	HOH A	3	40.160	39.159	52.186	H
ATOM	7147	O	HOH A	1	62.756	39.092	6.984	O
ATOM	7148	H1	HOH A	2	63.565	38.637	6.670	H
ATOM	7149	H2	HOH A	3	62.767	39.089	7.964	H
ATOM	7150	O	HOH A	1	62.757	39.067	29.086	O
ATOM	7151	H1	HOH A	2	63.568	38.614	28.775	H
ATOM	7152	H2	HOH A	3	62.764	39.062	30.066	H
ATOM	7153	O	HOH A	1	62.721	39.137	51.248	O
ATOM	7154	H1	HOH A	2	63.529	38.681	50.934	H
ATOM	7155	H2	HOH A	3	62.739	39.144	52.228	H
ATOM	7156	O	HOH A	1	1.749	42.997	6.992	O
ATOM	7157	H1	HOH A	2	2.534	42.504	6.673	H
ATOM	7158	H2	HOH A	3	0.949	42.532	6.671	H
ATOM	7159	O	HOH A	1	1.737	43.015	29.119	O
ATOM	7160	H1	HOH A	2	2.522	42.529	28.789	H
ATOM	7161	H2	HOH A	3	0.937	42.551	28.796	H
ATOM	7162	O	HOH A	1	1.712	43.066	51.246	O
ATOM	7163	H1	HOH A	2	2.501	42.580	50.927	H
ATOM	7164	H2	HOH A	3	0.916	42.596	50.923	H
ATOM	7165	O	HOH A	1	24.331	43.134	7.004	O
ATOM	7166	H1	HOH A	2	25.122	42.654	6.681	H

ATOM	7167	H2	HOH A	3	23.537	42.658	6.684	H
ATOM	7168	O	HOH A	1	24.338	43.016	29.149	O
ATOM	7169	H1	HOH A	2	25.127	42.530	28.831	H
ATOM	7170	H2	HOH A	3	23.542	42.543	28.829	H
ATOM	7171	O	HOH A	1	24.350	43.064	51.236	O
ATOM	7172	H1	HOH A	2	25.136	42.577	50.911	H
ATOM	7173	H2	HOH A	3	23.551	42.594	50.918	H
ATOM	7174	O	HOH A	1	46.931	43.191	6.937	O
ATOM	7175	H1	HOH A	2	47.714	42.702	6.609	H
ATOM	7176	H2	HOH A	3	46.129	42.724	6.621	H
ATOM	7177	O	HOH A	1	46.984	43.020	29.049	O
ATOM	7178	H1	HOH A	2	47.768	42.529	28.726	H
ATOM	7179	H2	HOH A	3	46.183	42.553	28.731	H
ATOM	7180	O	HOH A	1	46.938	43.105	51.195	O
ATOM	7181	H1	HOH A	2	47.723	42.613	50.875	H
ATOM	7182	H2	HOH A	3	46.137	42.635	50.881	H
ATOM	7183	O	HOH A	1	6.229	42.962	7.001	O
ATOM	7184	H1	HOH A	2	7.030	42.494	6.688	H
ATOM	7185	H2	HOH A	3	6.239	42.958	7.981	H
ATOM	7186	O	HOH A	1	6.209	43.002	29.115	O
ATOM	7187	H1	HOH A	2	7.013	42.531	28.811	H
ATOM	7188	H2	HOH A	3	6.211	43.003	30.095	H
ATOM	7189	O	HOH A	1	6.197	43.043	51.267	O
ATOM	7190	H1	HOH A	2	7.000	42.572	50.962	H
ATOM	7191	H2	HOH A	3	6.202	43.047	52.247	H
ATOM	7192	O	HOH A	1	28.806	43.165	7.009	O
ATOM	7193	H1	HOH A	2	29.613	42.708	6.693	H
ATOM	7194	H2	HOH A	3	28.816	43.153	7.989	H
ATOM	7195	O	HOH A	1	28.830	42.988	29.133	O
ATOM	7196	H1	HOH A	2	29.632	42.521	28.819	H
ATOM	7197	H2	HOH A	3	28.839	42.979	30.113	H
ATOM	7198	O	HOH A	1	28.815	43.059	51.226	O
ATOM	7199	H1	HOH A	2	29.622	42.595	50.919	H
ATOM	7200	H2	HOH A	3	28.823	43.064	52.206	H
ATOM	7201	O	HOH A	1	51.405	43.139	6.927	O
ATOM	7202	H1	HOH A	2	52.204	42.661	6.623	H

ATOM	7203	H2	HOH A	3	51.405	43.138	7.907	H
ATOM	7204	O	HOH A	1	51.445	43.002	29.065	O
ATOM	7205	H1	HOH A	2	52.248	42.537	28.748	H
ATOM	7206	H2	HOH A	3	51.457	42.991	30.045	H
ATOM	7207	O	HOH A	1	51.420	43.111	51.212	O
ATOM	7208	H1	HOH A	2	52.222	42.644	50.899	H
ATOM	7209	H2	HOH A	3	51.433	43.113	52.192	H
ATOM	7210	O	HOH A	1	10.780	42.969	6.971	O
ATOM	7211	H1	HOH A	2	9.972	42.507	6.663	H
ATOM	7212	H2	HOH A	3	10.773	42.969	7.951	H
ATOM	7213	O	HOH A	1	10.752	42.980	29.114	O
ATOM	7214	H1	HOH A	2	9.944	42.520	28.805	H
ATOM	7215	H2	HOH A	3	10.739	42.992	30.094	H
ATOM	7216	O	HOH A	1	10.745	43.007	51.242	O
ATOM	7217	H1	HOH A	2	9.939	42.544	50.933	H
ATOM	7218	H2	HOH A	3	10.730	43.020	52.221	H
ATOM	7219	O	HOH A	1	33.354	43.177	6.964	O
ATOM	7220	H1	HOH A	2	32.543	42.722	6.654	H
ATOM	7221	H2	HOH A	3	33.344	43.179	7.944	H
ATOM	7222	O	HOH A	1	33.379	42.978	29.096	O
ATOM	7223	H1	HOH A	2	32.572	42.516	28.789	H
ATOM	7224	H2	HOH A	3	33.369	42.987	30.076	H
ATOM	7225	O	HOH A	1	33.381	43.041	51.194	O
ATOM	7226	H1	HOH A	2	32.573	42.577	50.889	H
ATOM	7227	H2	HOH A	3	33.368	43.059	52.174	H
ATOM	7228	O	HOH A	1	55.972	43.065	6.913	O
ATOM	7229	H1	HOH A	2	55.154	42.621	6.605	H
ATOM	7230	H2	HOH A	3	55.961	43.073	7.893	H
ATOM	7231	O	HOH A	1	56.002	42.976	29.038	O
ATOM	7232	H1	HOH A	2	55.194	42.518	28.725	H
ATOM	7233	H2	HOH A	3	55.987	42.979	30.018	H
ATOM	7234	O	HOH A	1	55.953	43.064	51.184	O
ATOM	7235	H1	HOH A	2	55.149	42.598	50.874	H
ATOM	7236	H2	HOH A	3	55.936	43.078	52.164	H
ATOM	7237	O	HOH A	1	15.284	43.006	7.009	O
ATOM	7238	H1	HOH A	2	16.095	42.556	6.692	H

ATOM	7239	H2	HOH A	3	15.298	43.000	7.989	H
ATOM	7240	O	HOH A	1	15.281	42.987	29.174	O
ATOM	7241	H1	HOH A	2	16.090	42.535	28.854	H
ATOM	7242	H2	HOH A	3	15.300	42.984	30.154	H
ATOM	7243	O	HOH A	1	15.277	43.023	51.294	O
ATOM	7244	H1	HOH A	2	16.087	42.577	50.970	H
ATOM	7245	H2	HOH A	3	15.301	43.020	52.273	H
ATOM	7246	O	HOH A	1	37.875	43.192	6.980	O
ATOM	7247	H1	HOH A	2	38.687	42.746	6.660	H
ATOM	7248	H2	HOH A	3	37.891	43.183	7.959	H
ATOM	7249	O	HOH A	1	37.909	42.978	29.108	O
ATOM	7250	H1	HOH A	2	38.718	42.530	28.786	H
ATOM	7251	H2	HOH A	3	37.930	42.975	30.088	H
ATOM	7252	O	HOH A	1	37.908	43.063	51.213	O
ATOM	7253	H1	HOH A	2	38.715	42.602	50.902	H
ATOM	7254	H2	HOH A	3	37.925	43.075	52.193	H
ATOM	7255	O	HOH A	1	60.498	43.007	6.974	O
ATOM	7256	H1	HOH A	2	61.309	42.555	6.661	H
ATOM	7257	H2	HOH A	3	60.508	43.004	7.954	H
ATOM	7258	O	HOH A	1	60.511	42.974	29.076	O
ATOM	7259	H1	HOH A	2	61.320	42.521	28.757	H
ATOM	7260	H2	HOH A	3	60.530	42.974	30.055	H
ATOM	7261	O	HOH A	1	60.474	43.046	51.231	O
ATOM	7262	H1	HOH A	2	61.281	42.589	50.913	H
ATOM	7263	H2	HOH A	3	60.493	43.047	52.210	H
ATOM	7264	O	HOH A	1	19.830	43.061	6.986	O
ATOM	7265	H1	HOH A	2	19.026	42.607	6.658	H
ATOM	7266	H2	HOH A	3	19.817	43.981	6.650	H
ATOM	7267	O	HOH A	1	19.834	42.985	29.137	O
ATOM	7268	H1	HOH A	2	19.026	42.536	28.810	H
ATOM	7269	H2	HOH A	3	19.821	43.908	28.808	H
ATOM	7270	O	HOH A	1	19.827	43.024	51.242	O
ATOM	7271	H1	HOH A	2	19.016	42.578	50.921	H
ATOM	7272	H2	HOH A	3	19.816	43.947	50.912	H
ATOM	7273	O	HOH A	1	42.434	43.190	6.945	O
ATOM	7274	H1	HOH A	2	41.624	42.741	6.623	H

ATOM	7275	H2	HOH A	3	42.421	44.112	6.614	H
ATOM	7276	O	HOH A	1	42.471	42.996	29.068	O
ATOM	7277	H1	HOH A	2	41.664	42.543	28.747	H
ATOM	7278	H2	HOH A	3	42.448	43.921	28.748	H
ATOM	7279	O	HOH A	1	42.442	43.076	51.178	O
ATOM	7280	H1	HOH A	2	41.633	42.622	50.860	H
ATOM	7281	H2	HOH A	3	42.426	43.995	50.839	H
ATOM	7282	O	HOH A	1	65.043	43.003	6.970	O
ATOM	7283	H1	HOH A	2	64.237	42.555	6.639	H
ATOM	7284	H2	HOH A	3	65.037	43.923	6.633	H
ATOM	7285	O	HOH A	1	65.051	42.988	29.070	O
ATOM	7286	H1	HOH A	2	64.246	42.534	28.745	H
ATOM	7287	H2	HOH A	3	65.035	43.909	28.737	H
ATOM	7288	O	HOH A	1	65.018	43.055	51.229	O
ATOM	7289	H1	HOH A	2	64.214	42.603	50.897	H
ATOM	7290	H2	HOH A	3	65.008	43.976	50.895	H
ATOM	7291	O	HOH A	1	1.771	45.602	6.041	O
ATOM	7292	H1	HOH A	2	1.787	44.681	6.374	H
ATOM	7293	H2	HOH A	3	2.565	46.063	6.384	H
ATOM	7294	O	HOH A	1	1.754	45.608	28.162	O
ATOM	7295	H1	HOH A	2	1.771	44.688	28.501	H
ATOM	7296	H2	HOH A	3	2.544	46.073	28.509	H
ATOM	7297	O	HOH A	1	1.721	45.654	50.309	O
ATOM	7298	H1	HOH A	2	1.740	44.734	50.648	H
ATOM	7299	H2	HOH A	3	2.515	46.118	50.647	H
ATOM	7300	O	HOH A	1	24.353	45.736	6.049	O
ATOM	7301	H1	HOH A	2	24.378	44.816	6.386	H
ATOM	7302	H2	HOH A	3	25.144	46.205	6.388	H
ATOM	7303	O	HOH A	1	24.352	45.620	28.211	O
ATOM	7304	H1	HOH A	2	24.366	44.700	28.547	H
ATOM	7305	H2	HOH A	3	25.153	46.076	28.543	H
ATOM	7306	O	HOH A	1	24.354	45.658	50.285	O
ATOM	7307	H1	HOH A	2	24.380	44.738	50.623	H
ATOM	7308	H2	HOH A	3	25.152	46.124	50.612	H
ATOM	7309	O	HOH A	1	46.933	45.795	5.996	O
ATOM	7310	H1	HOH A	2	46.948	44.872	6.327	H

ATOM	7311	H2	HOH A	3	47.730	46.252	6.336	H
ATOM	7312	O	HOH A	1	46.980	45.624	28.105	O
ATOM	7313	H1	HOH A	2	47.004	44.701	28.433	H
ATOM	7314	H2	HOH A	3	47.777	46.086	28.440	H
ATOM	7315	O	HOH A	1	46.960	45.703	50.256	O
ATOM	7316	H1	HOH A	2	46.978	44.780	50.584	H
ATOM	7317	H2	HOH A	3	47.755	46.162	50.599	H
ATOM	7318	O	HOH A	1	6.269	45.572	6.102	O
ATOM	7319	H1	HOH A	2	6.280	44.655	6.447	H
ATOM	7320	H2	HOH A	3	7.070	46.030	6.435	H
ATOM	7321	O	HOH A	1	6.251	45.610	28.222	O
ATOM	7322	H1	HOH A	2	6.262	44.690	28.560	H
ATOM	7323	H2	HOH A	3	7.052	46.065	28.557	H
ATOM	7324	O	HOH A	1	6.232	45.648	50.365	O
ATOM	7325	H1	HOH A	2	6.247	44.731	50.710	H
ATOM	7326	H2	HOH A	3	7.028	46.111	50.699	H
ATOM	7327	O	HOH A	1	28.852	45.770	6.088	O
ATOM	7328	H1	HOH A	2	28.859	44.855	6.440	H
ATOM	7329	H2	HOH A	3	29.648	46.230	6.426	H
ATOM	7330	O	HOH A	1	28.860	45.599	28.240	O
ATOM	7331	H1	HOH A	2	28.871	44.677	28.573	H
ATOM	7332	H2	HOH A	3	29.662	46.052	28.574	H
ATOM	7333	O	HOH A	1	28.865	45.660	50.329	O
ATOM	7334	H1	HOH A	2	28.874	44.742	50.673	H
ATOM	7335	H2	HOH A	3	29.662	46.118	50.667	H
ATOM	7336	O	HOH A	1	51.431	45.747	6.016	O
ATOM	7337	H1	HOH A	2	51.428	44.828	6.356	H
ATOM	7338	H2	HOH A	3	52.241	46.190	6.347	H
ATOM	7339	O	HOH A	1	51.483	45.613	28.157	O
ATOM	7340	H1	HOH A	2	51.486	44.693	28.496	H
ATOM	7341	H2	HOH A	3	52.288	46.061	28.489	H
ATOM	7342	O	HOH A	1	51.460	45.700	50.294	O
ATOM	7343	H1	HOH A	2	51.462	44.785	50.646	H
ATOM	7344	H2	HOH A	3	52.264	46.153	50.625	H
ATOM	7345	O	HOH A	1	10.771	45.580	6.060	O
ATOM	7346	H1	HOH A	2	10.784	44.660	6.397	H

ATOM	7347	H2	HOH A	3	11.569	46.038	6.397	H
ATOM	7348	O	HOH A	1	10.743	45.587	28.204	O
ATOM	7349	H1	HOH A	2	10.748	44.665	28.536	H
ATOM	7350	H2	HOH A	3	11.544	46.037	28.545	H
ATOM	7351	O	HOH A	1	10.725	45.615	50.330	O
ATOM	7352	H1	HOH A	2	10.735	44.693	50.663	H
ATOM	7353	H2	HOH A	3	11.531	46.064	50.659	H
ATOM	7354	O	HOH A	1	33.350	45.789	6.051	O
ATOM	7355	H1	HOH A	2	33.361	44.868	6.385	H
ATOM	7356	H2	HOH A	3	34.149	46.243	6.391	H
ATOM	7357	O	HOH A	1	33.366	45.593	28.194	O
ATOM	7358	H1	HOH A	2	33.373	44.670	28.523	H
ATOM	7359	H2	HOH A	3	34.167	46.042	28.538	H
ATOM	7360	O	HOH A	1	33.371	45.645	50.275	O
ATOM	7361	H1	HOH A	2	33.383	44.726	50.615	H
ATOM	7362	H2	HOH A	3	34.177	46.098	50.598	H
ATOM	7363	O	HOH A	1	55.949	45.680	6.007	O
ATOM	7364	H1	HOH A	2	55.957	44.758	6.340	H
ATOM	7365	H2	HOH A	3	56.751	46.131	6.345	H
ATOM	7366	O	HOH A	1	55.986	45.578	28.122	O
ATOM	7367	H1	HOH A	2	55.998	44.660	28.463	H
ATOM	7368	H2	HOH A	3	56.788	46.035	28.453	H
ATOM	7369	O	HOH A	1	55.954	45.669	50.286	O
ATOM	7370	H1	HOH A	2	55.966	44.749	50.622	H
ATOM	7371	H2	HOH A	3	56.752	46.126	50.625	H
ATOM	7372	O	HOH A	1	15.307	45.629	6.104	O
ATOM	7373	H1	HOH A	2	15.304	44.698	6.410	H
ATOM	7374	H2	HOH A	3	15.309	45.626	5.124	H
ATOM	7375	O	HOH A	1	15.285	45.601	28.254	O
ATOM	7376	H1	HOH A	2	15.288	44.672	28.565	H
ATOM	7377	H2	HOH A	3	15.286	45.592	27.274	H
ATOM	7378	O	HOH A	1	15.268	45.636	50.380	O
ATOM	7379	H1	HOH A	2	15.267	44.706	50.691	H
ATOM	7380	H2	HOH A	3	15.267	45.626	49.400	H
ATOM	7381	O	HOH A	1	37.879	45.823	6.084	O
ATOM	7382	H1	HOH A	2	37.881	44.892	6.390	H

ATOM	7383	H2	HOH A	3	37.888	45.820	5.104	H
ATOM	7384	O	HOH A	1	37.912	45.607	28.208	O
ATOM	7385	H1	HOH A	2	37.916	44.675	28.509	H
ATOM	7386	H2	HOH A	3	37.902	45.608	27.228	H
ATOM	7387	O	HOH A	1	37.921	45.679	50.305	O
ATOM	7388	H1	HOH A	2	37.922	44.752	50.624	H
ATOM	7389	H2	HOH A	3	37.915	45.663	49.325	H
ATOM	7390	O	HOH A	1	60.490	45.635	6.081	O
ATOM	7391	H1	HOH A	2	60.491	44.701	6.378	H
ATOM	7392	H2	HOH A	3	60.489	45.641	5.101	H
ATOM	7393	O	HOH A	1	60.510	45.598	28.175	O
ATOM	7394	H1	HOH A	2	60.510	44.666	28.478	H
ATOM	7395	H2	HOH A	3	60.515	45.599	27.195	H
ATOM	7396	O	HOH A	1	60.473	45.658	50.340	O
ATOM	7397	H1	HOH A	2	60.475	44.730	50.654	H
ATOM	7398	H2	HOH A	3	60.471	45.646	49.360	H
ATOM	7399	O	HOH A	1	19.830	45.669	6.073	O
ATOM	7400	H1	HOH A	2	20.634	46.137	6.380	H
ATOM	7401	H2	HOH A	3	19.817	45.698	5.094	H
ATOM	7402	O	HOH A	1	19.824	45.599	28.224	O
ATOM	7403	H1	HOH A	2	20.634	46.060	28.526	H
ATOM	7404	H2	HOH A	3	19.810	45.622	27.244	H
ATOM	7405	O	HOH A	1	19.814	45.633	50.341	O
ATOM	7406	H1	HOH A	2	20.627	46.092	50.640	H
ATOM	7407	H2	HOH A	3	19.800	45.649	49.361	H
ATOM	7408	O	HOH A	1	42.417	45.798	6.038	O
ATOM	7409	H1	HOH A	2	43.229	46.256	6.338	H
ATOM	7410	H2	HOH A	3	42.401	45.820	5.058	H
ATOM	7411	O	HOH A	1	42.448	45.605	28.169	O
ATOM	7412	H1	HOH A	2	43.262	46.057	28.475	H
ATOM	7413	H2	HOH A	3	42.436	45.633	27.190	H
ATOM	7414	O	HOH A	1	42.441	45.678	50.263	O
ATOM	7415	H1	HOH A	2	43.250	46.139	50.567	H
ATOM	7416	H2	HOH A	3	42.437	45.687	49.283	H
ATOM	7417	O	HOH A	1	65.031	45.600	6.045	O
ATOM	7418	H1	HOH A	2	65.848	46.046	6.353	H

ATOM	7419	H2	HOH A	3	65.018	45.634	5.066	H
ATOM	7420	O	HOH A	1	65.039	45.594	28.150	O
ATOM	7421	H1	HOH A	2	65.848	46.054	28.456	H
ATOM	7422	H2	HOH A	3	65.032	45.612	27.170	H
ATOM	7423	O	HOH A	1	65.005	45.650	50.306	O
ATOM	7424	H1	HOH A	2	65.816	46.112	50.608	H
ATOM	7425	H2	HOH A	3	64.992	45.670	49.327	H
ATOM	7426	O	HOH A	1	22.052	26.122	6.094	O
ATOM	7427	H1	HOH A	2	22.850	26.591	6.416	H
ATOM	7428	H2	HOH A	3	22.070	26.130	5.114	H
ATOM	7429	O	HOH A	1	22.027	26.017	28.248	O
ATOM	7430	H1	HOH A	2	22.832	26.476	28.566	H
ATOM	7431	H2	HOH A	3	22.036	26.030	27.269	H
ATOM	7432	O	HOH A	1	22.032	26.044	50.341	O
ATOM	7433	H1	HOH A	2	22.832	26.513	50.659	H
ATOM	7434	H2	HOH A	3	22.047	26.049	49.361	H
ATOM	7435	O	HOH A	1	44.624	26.202	6.031	O
ATOM	7436	H1	HOH A	2	45.430	26.661	6.349	H
ATOM	7437	H2	HOH A	3	44.634	26.216	5.051	H
ATOM	7438	O	HOH A	1	44.673	26.023	28.178	O
ATOM	7439	H1	HOH A	2	45.475	26.487	28.495	H
ATOM	7440	H2	HOH A	3	44.686	26.032	27.198	H
ATOM	7441	O	HOH A	1	44.650	26.100	50.299	O
ATOM	7442	H1	HOH A	2	45.450	26.564	50.622	H
ATOM	7443	H2	HOH A	3	44.679	26.093	49.319	H
ATOM	7444	O	HOH A	1	67.243	26.006	6.069	O
ATOM	7445	H1	HOH A	2	68.052	26.460	6.386	H
ATOM	7446	H2	HOH A	3	67.254	26.014	5.090	H
ATOM	7447	O	HOH A	1	67.229	26.004	28.182	O
ATOM	7448	H1	HOH A	2	68.030	26.468	28.506	H
ATOM	7449	H2	HOH A	3	67.251	26.011	27.202	H
ATOM	7450	O	HOH A	1	67.222	26.057	50.345	O
ATOM	7451	H1	HOH A	2	68.024	26.521	50.665	H
ATOM	7452	H2	HOH A	3	67.239	26.063	49.365	H
ATOM	7453	O	HOH A	1	3.986	26.037	6.058	O
ATOM	7454	H1	HOH A	2	4.783	26.511	6.373	H

ATOM	7455	H2	HOH A	3	3.997	26.044	5.078	H
ATOM	7456	O	HOH A	1	3.944	26.047	28.187	O
ATOM	7457	H1	HOH A	2	4.739	26.525	28.500	H
ATOM	7458	H2	HOH A	3	3.953	26.054	27.207	H
ATOM	7459	O	HOH A	1	3.933	26.095	50.330	O
ATOM	7460	H1	HOH A	2	4.734	26.565	50.642	H
ATOM	7461	H2	HOH A	3	3.940	26.100	49.350	H
ATOM	7462	O	HOH A	1	26.553	26.207	6.059	O
ATOM	7463	H1	HOH A	2	27.347	26.686	6.378	H
ATOM	7464	H2	HOH A	3	26.567	26.218	5.079	H
ATOM	7465	O	HOH A	1	26.566	26.059	28.226	O
ATOM	7466	H1	HOH A	2	27.363	26.533	28.544	H
ATOM	7467	H2	HOH A	3	26.573	26.080	27.246	H
ATOM	7468	O	HOH A	1	26.548	26.107	50.310	O
ATOM	7469	H1	HOH A	2	27.345	26.582	50.624	H
ATOM	7470	H2	HOH A	3	26.562	26.107	49.330	H
ATOM	7471	O	HOH A	1	49.142	26.225	6.021	O
ATOM	7472	H1	HOH A	2	49.941	26.693	6.340	H
ATOM	7473	H2	HOH A	3	49.152	26.240	5.041	H
ATOM	7474	O	HOH A	1	49.182	26.076	28.137	O
ATOM	7475	H1	HOH A	2	49.983	26.544	28.452	H
ATOM	7476	H2	HOH A	3	49.187	26.092	27.158	H
ATOM	7477	O	HOH A	1	49.164	26.149	50.273	O
ATOM	7478	H1	HOH A	2	49.959	26.624	50.592	H
ATOM	7479	H2	HOH A	3	49.181	26.151	49.294	H
ATOM	7480	O	HOH A	1	8.508	26.002	6.120	O
ATOM	7481	H1	HOH A	2	9.306	26.469	6.445	H
ATOM	7482	H2	HOH A	3	8.525	26.019	5.140	H
ATOM	7483	O	HOH A	1	8.466	26.013	28.260	O
ATOM	7484	H1	HOH A	2	9.260	26.488	28.583	H
ATOM	7485	H2	HOH A	3	8.489	26.015	27.281	H
ATOM	7486	O	HOH A	1	8.473	26.057	50.400	O
ATOM	7487	H1	HOH A	2	9.264	26.532	50.730	H
ATOM	7488	H2	HOH A	3	8.502	26.063	49.421	H
ATOM	7489	O	HOH A	1	31.073	26.203	6.116	O
ATOM	7490	H1	HOH A	2	31.864	26.679	6.445	H

ATOM	7491	H2	HOH A	3	31.101	26.213	5.136	H
ATOM	7492	O	HOH A	1	31.088	26.024	28.270	O
ATOM	7493	H1	HOH A	2	31.884	26.494	28.595	H
ATOM	7494	H2	HOH A	3	31.107	26.037	27.290	H
ATOM	7495	O	HOH A	1	31.092	26.073	50.359	O
ATOM	7496	H1	HOH A	2	31.886	26.549	50.679	H
ATOM	7497	H2	HOH A	3	31.114	26.071	49.379	H
ATOM	7498	O	HOH A	1	53.682	26.127	6.069	O
ATOM	7499	H1	HOH A	2	54.483	26.592	6.389	H
ATOM	7500	H2	HOH A	3	53.695	26.140	5.090	H
ATOM	7501	O	HOH A	1	53.721	26.017	28.186	O
ATOM	7502	H1	HOH A	2	54.515	26.493	28.507	H
ATOM	7503	H2	HOH A	3	53.738	26.024	27.206	H
ATOM	7504	O	HOH A	1	53.685	26.104	50.340	O
ATOM	7505	H1	HOH A	2	54.476	26.580	50.668	H
ATOM	7506	H2	HOH A	3	53.717	26.102	49.361	H
ATOM	7507	O	HOH A	1	13.059	26.038	6.064	O
ATOM	7508	H1	HOH A	2	12.261	26.499	6.397	H
ATOM	7509	H2	HOH A	3	13.847	26.512	6.403	H
ATOM	7510	O	HOH A	1	13.028	26.025	28.224	O
ATOM	7511	H1	HOH A	2	12.231	26.488	28.557	H
ATOM	7512	H2	HOH A	3	13.817	26.495	28.567	H
ATOM	7513	O	HOH A	1	13.012	26.065	50.341	O
ATOM	7514	H1	HOH A	2	12.222	26.534	50.683	H
ATOM	7515	H2	HOH A	3	13.807	26.535	50.667	H
ATOM	7516	O	HOH A	1	35.617	26.231	6.052	O
ATOM	7517	H1	HOH A	2	34.819	26.691	6.388	H
ATOM	7518	H2	HOH A	3	36.405	26.704	6.393	H
ATOM	7519	O	HOH A	1	35.645	26.042	28.193	O
ATOM	7520	H1	HOH A	2	34.853	26.505	28.538	H
ATOM	7521	H2	HOH A	3	36.439	26.505	28.534	H
ATOM	7522	O	HOH A	1	35.647	26.094	50.271	O
ATOM	7523	H1	HOH A	2	34.853	26.560	50.608	H
ATOM	7524	H2	HOH A	3	36.439	26.562	50.609	H
ATOM	7525	O	HOH A	1	58.243	26.097	6.007	O
ATOM	7526	H1	HOH A	2	57.449	26.564	6.342	H

ATOM	7527	H2	HOH A	3	59.034	26.563	6.349	H
ATOM	7528	O	HOH A	1	58.251	26.033	28.142	O
ATOM	7529	H1	HOH A	2	57.453	26.492	28.478	H
ATOM	7530	H2	HOH A	3	59.039	26.507	28.480	H
ATOM	7531	O	HOH A	1	58.227	26.105	50.292	O
ATOM	7532	H1	HOH A	2	57.432	26.574	50.620	H
ATOM	7533	H2	HOH A	3	59.017	26.573	50.635	H
ATOM	7534	O	HOH A	1	17.563	26.053	6.098	O
ATOM	7535	H1	HOH A	2	17.584	25.128	6.422	H
ATOM	7536	H2	HOH A	3	18.373	26.504	6.417	H
ATOM	7537	O	HOH A	1	17.532	26.006	28.264	O
ATOM	7538	H1	HOH A	2	17.550	25.080	28.584	H
ATOM	7539	H2	HOH A	3	18.346	26.452	28.581	H
ATOM	7540	O	HOH A	1	17.530	26.042	50.358	O
ATOM	7541	H1	HOH A	2	17.548	25.116	50.678	H
ATOM	7542	H2	HOH A	3	18.339	26.490	50.681	H
ATOM	7543	O	HOH A	1	40.128	26.220	6.079	O
ATOM	7544	H1	HOH A	2	40.145	25.295	6.404	H
ATOM	7545	H2	HOH A	3	40.947	26.663	6.382	H
ATOM	7546	O	HOH A	1	40.172	26.018	28.205	O
ATOM	7547	H1	HOH A	2	40.187	25.094	28.530	H
ATOM	7548	H2	HOH A	3	40.983	26.466	28.525	H
ATOM	7549	O	HOH A	1	40.165	26.093	50.296	O
ATOM	7550	H1	HOH A	2	40.183	25.169	50.622	H
ATOM	7551	H2	HOH A	3	40.974	26.544	50.616	H
ATOM	7552	O	HOH A	1	62.748	26.030	6.073	O
ATOM	7553	H1	HOH A	2	62.760	25.104	6.392	H
ATOM	7554	H2	HOH A	3	63.563	26.471	6.393	H
ATOM	7555	O	HOH A	1	62.742	25.999	28.198	O
ATOM	7556	H1	HOH A	2	62.760	25.077	28.530	H
ATOM	7557	H2	HOH A	3	63.552	26.451	28.514	H
ATOM	7558	O	HOH A	1	62.741	26.066	50.340	O
ATOM	7559	H1	HOH A	2	62.744	25.145	50.675	H
ATOM	7560	H2	HOH A	3	63.551	26.510	50.667	H
ATOM	7561	O	HOH A	1	1.767	29.943	6.081	O
ATOM	7562	H1	HOH A	2	1.759	29.023	6.418	H

ATOM	7563	H2	HOH A	3	2.571	30.385	6.425	H
ATOM	7564	O	HOH A	1	1.725	29.941	28.214	O
ATOM	7565	H1	HOH A	2	1.714	29.023	28.558	H
ATOM	7566	H2	HOH A	3	2.526	30.385	28.562	H
ATOM	7567	O	HOH A	1	1.715	30.005	50.354	O
ATOM	7568	H1	HOH A	2	1.715	29.087	50.697	H
ATOM	7569	H2	HOH A	3	2.514	30.456	50.697	H
ATOM	7570	O	HOH A	1	24.353	30.083	6.104	O
ATOM	7571	H1	HOH A	2	24.355	29.169	6.456	H
ATOM	7572	H2	HOH A	3	25.149	30.541	6.446	H
ATOM	7573	O	HOH A	1	24.352	29.959	28.253	O
ATOM	7574	H1	HOH A	2	24.345	29.039	28.590	H
ATOM	7575	H2	HOH A	3	25.154	30.403	28.600	H
ATOM	7576	O	HOH A	1	24.346	30.013	50.346	O
ATOM	7577	H1	HOH A	2	24.341	29.093	50.685	H
ATOM	7578	H2	HOH A	3	25.147	30.459	50.692	H
ATOM	7579	O	HOH A	1	46.920	30.146	6.047	O
ATOM	7580	H1	HOH A	2	46.906	29.228	6.389	H
ATOM	7581	H2	HOH A	3	47.725	30.586	6.392	H
ATOM	7582	O	HOH A	1	46.976	29.969	28.162	O
ATOM	7583	H1	HOH A	2	46.970	29.051	28.504	H
ATOM	7584	H2	HOH A	3	47.776	30.417	28.509	H
ATOM	7585	O	HOH A	1	46.958	30.057	50.307	O
ATOM	7586	H1	HOH A	2	46.953	29.140	50.652	H
ATOM	7587	H2	HOH A	3	47.757	30.507	50.653	H
ATOM	7588	O	HOH A	1	6.302	29.923	6.087	O
ATOM	7589	H1	HOH A	2	5.511	30.408	6.404	H
ATOM	7590	H2	HOH A	3	6.281	29.919	5.107	H
ATOM	7591	O	HOH A	1	6.262	29.935	28.221	O
ATOM	7592	H1	HOH A	2	5.468	30.422	28.526	H
ATOM	7593	H2	HOH A	3	6.250	29.922	27.241	H
ATOM	7594	O	HOH A	1	6.256	29.990	50.371	O
ATOM	7595	H1	HOH A	2	5.467	30.479	50.685	H
ATOM	7596	H2	HOH A	3	6.235	29.980	49.391	H
ATOM	7597	O	HOH A	1	28.882	30.120	6.096	O
ATOM	7598	H1	HOH A	2	28.086	30.600	6.406	H

ATOM	7599	H2	HOH A	3	28.868	30.113	5.116	H
ATOM	7600	O	HOH A	1	28.889	29.945	28.249	O
ATOM	7601	H1	HOH A	2	28.095	30.424	28.567	H
ATOM	7602	H2	HOH A	3	28.871	29.944	27.270	H
ATOM	7603	O	HOH A	1	28.885	30.005	50.339	O
ATOM	7604	H1	HOH A	2	28.094	30.493	50.651	H
ATOM	7605	H2	HOH A	3	28.861	29.984	49.360	H
ATOM	7606	O	HOH A	1	51.467	30.090	6.029	O
ATOM	7607	H1	HOH A	2	50.675	30.573	6.345	H
ATOM	7608	H2	HOH A	3	51.450	30.089	5.049	H
ATOM	7609	O	HOH A	1	51.516	29.955	28.143	O
ATOM	7610	H1	HOH A	2	50.727	30.445	28.455	H
ATOM	7611	H2	HOH A	3	51.496	29.942	27.163	H
ATOM	7612	O	HOH A	1	51.483	30.042	50.306	O
ATOM	7613	H1	HOH A	2	50.694	30.536	50.615	H
ATOM	7614	H2	HOH A	3	51.465	30.024	49.327	H
ATOM	7615	O	HOH A	1	10.807	29.908	6.056	O
ATOM	7616	H1	HOH A	2	10.006	30.373	6.376	H
ATOM	7617	H2	HOH A	3	10.797	29.929	5.076	H
ATOM	7618	O	HOH A	1	10.768	29.907	28.217	O
ATOM	7619	H1	HOH A	2	9.966	30.371	28.536	H
ATOM	7620	H2	HOH A	3	10.759	29.925	27.237	H
ATOM	7621	O	HOH A	1	10.766	29.950	50.341	O
ATOM	7622	H1	HOH A	2	9.968	30.419	50.664	H
ATOM	7623	H2	HOH A	3	10.748	29.959	49.361	H
ATOM	7624	O	HOH A	1	33.389	30.114	6.061	O
ATOM	7625	H1	HOH A	2	32.585	30.573	6.384	H
ATOM	7626	H2	HOH A	3	33.380	30.140	5.082	H
ATOM	7627	O	HOH A	1	33.406	29.921	28.198	O
ATOM	7628	H1	HOH A	2	32.609	30.390	28.522	H
ATOM	7629	H2	HOH A	3	33.395	29.945	27.218	H
ATOM	7630	O	HOH A	1	33.404	29.972	50.291	O
ATOM	7631	H1	HOH A	2	32.605	30.438	50.616	H
ATOM	7632	H2	HOH A	3	33.384	29.984	49.311	H
ATOM	7633	O	HOH A	1	55.981	30.009	6.005	O
ATOM	7634	H1	HOH A	2	55.185	30.478	6.330	H

ATOM	7635	H2	HOH A	3	55.971	30.038	5.025	H
ATOM	7636	O	HOH A	1	56.017	29.905	28.124	O
ATOM	7637	H1	HOH A	2	55.216	30.366	28.449	H
ATOM	7638	H2	HOH A	3	56.004	29.929	27.144	H
ATOM	7639	O	HOH A	1	55.995	29.999	50.278	O
ATOM	7640	H1	HOH A	2	55.195	30.467	50.596	H
ATOM	7641	H2	HOH A	3	55.984	30.012	49.298	H
ATOM	7642	O	HOH A	1	15.314	29.930	6.050	O
ATOM	7643	H1	HOH A	2	14.514	30.390	6.380	H
ATOM	7644	H2	HOH A	3	16.099	30.414	6.380	H
ATOM	7645	O	HOH A	1	15.279	29.909	28.226	O
ATOM	7646	H1	HOH A	2	14.486	30.382	28.553	H
ATOM	7647	H2	HOH A	3	16.072	30.385	28.551	H
ATOM	7648	O	HOH A	1	15.281	29.950	50.334	O
ATOM	7649	H1	HOH A	2	14.482	30.416	50.658	H
ATOM	7650	H2	HOH A	3	16.067	30.430	50.667	H
ATOM	7651	O	HOH A	1	37.886	30.118	6.033	O
ATOM	7652	H1	HOH A	2	37.090	30.586	6.364	H
ATOM	7653	H2	HOH A	3	38.676	30.594	6.364	H
ATOM	7654	O	HOH A	1	37.924	29.911	28.153	O
ATOM	7655	H1	HOH A	2	37.132	30.377	28.495	H
ATOM	7656	H2	HOH A	3	38.718	30.383	28.480	H
ATOM	7657	O	HOH A	1	37.916	29.997	50.248	O
ATOM	7658	H1	HOH A	2	37.121	30.461	50.584	H
ATOM	7659	H2	HOH A	3	38.706	30.472	50.580	H
ATOM	7660	O	HOH A	1	60.498	29.965	6.015	O
ATOM	7661	H1	HOH A	2	59.707	30.443	6.342	H
ATOM	7662	H2	HOH A	3	61.293	30.431	6.349	H
ATOM	7663	O	HOH A	1	60.508	29.916	28.137	O
ATOM	7664	H1	HOH A	2	59.711	30.376	28.474	H
ATOM	7665	H2	HOH A	3	61.297	30.389	28.474	H
ATOM	7666	O	HOH A	1	60.492	29.982	50.301	O
ATOM	7667	H1	HOH A	2	59.698	30.457	50.624	H
ATOM	7668	H2	HOH A	3	61.284	30.450	50.640	H
ATOM	7669	O	HOH A	1	19.847	30.029	6.062	O
ATOM	7670	H1	HOH A	2	19.844	29.108	6.397	H

ATOM	7671	H2	HOH A	3	20.643	30.478	6.415	H
ATOM	7672	O	HOH A	1	19.837	29.960	28.225	O
ATOM	7673	H1	HOH A	2	19.833	29.037	28.555	H
ATOM	7674	H2	HOH A	3	20.639	30.403	28.574	H
ATOM	7675	O	HOH A	1	19.831	30.005	50.316	O
ATOM	7676	H1	HOH A	2	19.837	29.081	50.642	H
ATOM	7677	H2	HOH A	3	20.632	30.453	50.660	H
ATOM	7678	O	HOH A	1	42.426	30.153	6.014	O
ATOM	7679	H1	HOH A	2	42.428	29.231	6.346	H
ATOM	7680	H2	HOH A	3	43.226	30.602	6.359	H
ATOM	7681	O	HOH A	1	42.477	29.956	28.144	O
ATOM	7682	H1	HOH A	2	42.481	29.034	28.475	H
ATOM	7683	H2	HOH A	3	43.275	30.406	28.493	H
ATOM	7684	O	HOH A	1	42.461	30.051	50.260	O
ATOM	7685	H1	HOH A	2	42.461	29.132	50.599	H
ATOM	7686	H2	HOH A	3	43.257	30.503	50.610	H
ATOM	7687	O	HOH A	1	65.043	29.958	6.038	O
ATOM	7688	H1	HOH A	2	65.037	29.036	6.370	H
ATOM	7689	H2	HOH A	3	65.847	30.399	6.382	H
ATOM	7690	O	HOH A	1	65.046	29.940	28.153	O
ATOM	7691	H1	HOH A	2	65.046	29.019	28.488	H
ATOM	7692	H2	HOH A	3	65.840	30.391	28.508	H
ATOM	7693	O	HOH A	1	65.023	30.014	50.319	O
ATOM	7694	H1	HOH A	2	65.016	29.090	50.646	H
ATOM	7695	H2	HOH A	3	65.824	30.455	50.672	H
ATOM	7696	O	HOH A	1	22.108	33.978	6.073	O
ATOM	7697	H1	HOH A	2	22.083	33.062	6.421	H
ATOM	7698	H2	HOH A	3	21.301	34.441	6.379	H
ATOM	7699	O	HOH A	1	22.094	33.884	28.220	O
ATOM	7700	H1	HOH A	2	22.074	32.968	28.566	H
ATOM	7701	H2	HOH A	3	21.284	34.342	28.527	H
ATOM	7702	O	HOH A	1	22.094	33.923	50.307	O
ATOM	7703	H1	HOH A	2	22.075	33.006	50.652	H
ATOM	7704	H2	HOH A	3	21.285	34.381	50.619	H
ATOM	7705	O	HOH A	1	44.695	34.086	5.997	O
ATOM	7706	H1	HOH A	2	44.667	33.169	6.342	H

ATOM	7707	H2	HOH A	3	43.892	34.552	6.311	H
ATOM	7708	O	HOH A	1	44.747	33.889	28.122	O
ATOM	7709	H1	HOH A	2	44.723	32.970	28.464	H
ATOM	7710	H2	HOH A	3	43.944	34.351	28.439	H
ATOM	7711	O	HOH A	1	44.715	33.982	50.246	O
ATOM	7712	H1	HOH A	2	44.693	33.066	50.594	H
ATOM	7713	H2	HOH A	3	43.906	34.442	50.553	H
ATOM	7714	O	HOH A	1	67.321	33.873	6.039	O
ATOM	7715	H1	HOH A	2	67.290	32.956	6.382	H
ATOM	7716	H2	HOH A	3	66.515	34.339	6.347	H
ATOM	7717	O	HOH A	1	67.311	33.879	28.162	O
ATOM	7718	H1	HOH A	2	67.286	32.964	28.510	H
ATOM	7719	H2	HOH A	3	66.504	34.343	28.469	H
ATOM	7720	O	HOH A	1	67.288	33.925	50.307	O
ATOM	7721	H1	HOH A	2	67.263	33.008	50.651	H
ATOM	7722	H2	HOH A	3	66.476	34.384	50.607	H
ATOM	7723	O	HOH A	1	4.033	33.818	6.092	O
ATOM	7724	H1	HOH A	2	4.836	34.288	6.401	H
ATOM	7725	H2	HOH A	3	4.033	33.832	5.112	H
ATOM	7726	O	HOH A	1	4.005	33.829	28.218	O
ATOM	7727	H1	HOH A	2	4.808	34.292	28.538	H
ATOM	7728	H2	HOH A	3	4.013	33.852	27.238	H
ATOM	7729	O	HOH A	1	3.984	33.902	50.343	O
ATOM	7730	H1	HOH A	2	4.785	34.373	50.655	H
ATOM	7731	H2	HOH A	3	3.988	33.912	49.364	H
ATOM	7732	O	HOH A	1	26.611	34.008	6.095	O
ATOM	7733	H1	HOH A	2	27.411	34.476	6.413	H
ATOM	7734	H2	HOH A	3	26.615	34.031	5.116	H
ATOM	7735	O	HOH A	1	26.608	33.850	28.256	O
ATOM	7736	H1	HOH A	2	27.407	34.320	28.574	H
ATOM	7737	H2	HOH A	3	26.615	33.872	27.276	H
ATOM	7738	O	HOH A	1	26.598	33.905	50.327	O
ATOM	7739	H1	HOH A	2	27.399	34.375	50.640	H
ATOM	7740	H2	HOH A	3	26.605	33.914	49.347	H
ATOM	7741	O	HOH A	1	49.203	34.014	6.022	O
ATOM	7742	H1	HOH A	2	50.011	34.470	6.338	H

ATOM	7743	H2	HOH A	3	49.208	34.031	5.043	H
ATOM	7744	O	HOH A	1	49.251	33.849	28.139	O
ATOM	7745	H1	HOH A	2	50.050	34.325	28.447	H
ATOM	7746	H2	HOH A	3	49.244	33.871	27.159	H
ATOM	7747	O	HOH A	1	49.212	33.950	50.293	O
ATOM	7748	H1	HOH A	2	50.014	34.418	50.606	H
ATOM	7749	H2	HOH A	3	49.222	33.954	49.313	H
ATOM	7750	O	HOH A	1	8.564	33.849	6.086	O
ATOM	7751	H1	HOH A	2	8.559	32.920	6.400	H
ATOM	7752	H2	HOH A	3	8.570	33.838	5.107	H
ATOM	7753	O	HOH A	1	8.515	33.859	28.218	O
ATOM	7754	H1	HOH A	2	8.522	32.932	28.535	H
ATOM	7755	H2	HOH A	3	8.516	33.844	27.238	H
ATOM	7756	O	HOH A	1	8.506	33.899	50.343	O
ATOM	7757	H1	HOH A	2	8.503	32.975	50.670	H
ATOM	7758	H2	HOH A	3	8.514	33.874	49.364	H
ATOM	7759	O	HOH A	1	31.118	34.045	6.077	O
ATOM	7760	H1	HOH A	2	31.121	33.116	6.389	H
ATOM	7761	H2	HOH A	3	31.124	34.035	5.097	H
ATOM	7762	O	HOH A	1	31.146	33.865	28.217	O
ATOM	7763	H1	HOH A	2	31.148	32.936	28.530	H
ATOM	7764	H2	HOH A	3	31.147	33.854	27.238	H
ATOM	7765	O	HOH A	1	31.139	33.913	50.299	O
ATOM	7766	H1	HOH A	2	31.142	32.987	50.621	H
ATOM	7767	H2	HOH A	3	31.142	33.893	49.320	H
ATOM	7768	O	HOH A	1	53.727	33.975	6.014	O
ATOM	7769	H1	HOH A	2	53.731	33.044	6.322	H
ATOM	7770	H2	HOH A	3	53.725	33.970	5.034	H
ATOM	7771	O	HOH A	1	53.771	33.857	28.132	O
ATOM	7772	H1	HOH A	2	53.775	32.929	28.446	H
ATOM	7773	H2	HOH A	3	53.767	33.846	27.152	H
ATOM	7774	O	HOH A	1	53.740	33.940	50.289	O
ATOM	7775	H1	HOH A	2	53.743	33.012	50.604	H
ATOM	7776	H2	HOH A	3	53.748	33.927	49.309	H
ATOM	7777	O	HOH A	1	13.057	33.850	6.079	O
ATOM	7778	H1	HOH A	2	13.027	32.924	6.399	H

ATOM	7779	H2	HOH A	3	12.262	34.313	6.417	H
ATOM	7780	O	HOH A	1	13.010	33.837	28.233	O
ATOM	7781	H1	HOH A	2	12.987	32.915	28.566	H
ATOM	7782	H2	HOH A	3	12.211	34.298	28.564	H
ATOM	7783	O	HOH A	1	13.005	33.883	50.331	O
ATOM	7784	H1	HOH A	2	12.981	32.963	50.669	H
ATOM	7785	H2	HOH A	3	12.209	34.348	50.665	H
ATOM	7786	O	HOH A	1	35.619	34.054	6.050	O
ATOM	7787	H1	HOH A	2	35.595	33.132	6.382	H
ATOM	7788	H2	HOH A	3	34.822	34.517	6.384	H
ATOM	7789	O	HOH A	1	35.655	33.849	28.169	O
ATOM	7790	H1	HOH A	2	35.638	32.926	28.499	H
ATOM	7791	H2	HOH A	3	34.859	34.307	28.510	H
ATOM	7792	O	HOH A	1	35.634	33.915	50.271	O
ATOM	7793	H1	HOH A	2	35.607	32.991	50.597	H
ATOM	7794	H2	HOH A	3	34.840	34.379	50.609	H
ATOM	7795	O	HOH A	1	58.224	33.910	6.011	O
ATOM	7796	H1	HOH A	2	58.192	32.989	6.345	H
ATOM	7797	H2	HOH A	3	57.432	34.381	6.343	H
ATOM	7798	O	HOH A	1	58.250	33.841	28.132	O
ATOM	7799	H1	HOH A	2	58.220	32.921	28.469	H
ATOM	7800	H2	HOH A	3	57.456	34.311	28.460	H
ATOM	7801	O	HOH A	1	58.220	33.935	50.293	O
ATOM	7802	H1	HOH A	2	58.191	33.011	50.620	H
ATOM	7803	H2	HOH A	3	57.427	34.401	50.631	H
ATOM	7804	O	HOH A	1	17.592	33.899	6.087	O
ATOM	7805	H1	HOH A	2	17.579	32.972	6.406	H
ATOM	7806	H2	HOH A	3	16.782	34.343	6.412	H
ATOM	7807	O	HOH A	1	17.551	33.840	28.243	O
ATOM	7808	H1	HOH A	2	17.539	32.915	28.566	H
ATOM	7809	H2	HOH A	3	16.740	34.285	28.569	H
ATOM	7810	O	HOH A	1	17.571	33.886	50.339	O
ATOM	7811	H1	HOH A	2	17.557	32.962	50.666	H
ATOM	7812	H2	HOH A	3	16.764	34.335	50.667	H
ATOM	7813	O	HOH A	1	40.171	34.056	6.038	O
ATOM	7814	H1	HOH A	2	40.162	33.131	6.361	H

ATOM	7815	H2	HOH A	3	39.363	34.501	6.369	H
ATOM	7816	O	HOH A	1	40.219	33.848	28.162	O
ATOM	7817	H1	HOH A	2	40.203	32.921	28.479	H
ATOM	7818	H2	HOH A	3	39.408	34.294	28.486	H
ATOM	7819	O	HOH A	1	40.200	33.936	50.267	O
ATOM	7820	H1	HOH A	2	40.192	33.011	50.591	H
ATOM	7821	H2	HOH A	3	39.389	34.378	50.594	H
ATOM	7822	O	HOH A	1	62.789	33.871	6.043	O
ATOM	7823	H1	HOH A	2	62.767	32.945	6.363	H
ATOM	7824	H2	HOH A	3	61.985	34.324	6.373	H
ATOM	7825	O	HOH A	1	62.801	33.834	28.147	O
ATOM	7826	H1	HOH A	2	62.793	32.910	28.472	H
ATOM	7827	H2	HOH A	3	61.991	34.278	28.473	H
ATOM	7828	O	HOH A	1	62.765	33.913	50.318	O
ATOM	7829	H1	HOH A	2	62.752	32.988	50.642	H
ATOM	7830	H2	HOH A	3	61.956	34.360	50.644	H
ATOM	7831	O	HOH A	1	1.738	37.744	6.054	O
ATOM	7832	H1	HOH A	2	1.737	36.813	6.360	H
ATOM	7833	H2	HOH A	3	1.728	37.742	5.074	H
ATOM	7834	O	HOH A	1	1.725	37.758	28.164	O
ATOM	7835	H1	HOH A	2	1.728	36.832	28.487	H
ATOM	7836	H2	HOH A	3	1.722	37.737	27.185	H
ATOM	7837	O	HOH A	1	1.701	37.822	50.312	O
ATOM	7838	H1	HOH A	2	1.701	36.893	50.624	H
ATOM	7839	H2	HOH A	3	1.691	37.813	49.332	H
ATOM	7840	O	HOH A	1	24.329	37.893	6.061	O
ATOM	7841	H1	HOH A	2	24.335	36.963	6.370	H
ATOM	7842	H2	HOH A	3	24.326	37.886	5.081	H
ATOM	7843	O	HOH A	1	24.318	37.773	28.219	O
ATOM	7844	H1	HOH A	2	24.318	36.840	28.518	H
ATOM	7845	H2	HOH A	3	24.316	37.777	27.239	H
ATOM	7846	O	HOH A	1	24.317	37.828	50.301	O
ATOM	7847	H1	HOH A	2	24.314	36.900	50.617	H
ATOM	7848	H2	HOH A	3	24.311	37.814	49.321	H
ATOM	7849	O	HOH A	1	46.915	37.953	6.010	O
ATOM	7850	H1	HOH A	2	46.919	37.023	6.318	H

ATOM	7851	H2	HOH A	3	46.914	37.947	5.030	H
ATOM	7852	O	HOH A	1	46.974	37.789	28.117	O
ATOM	7853	H1	HOH A	2	46.977	36.859	28.426	H
ATOM	7854	H2	HOH A	3	46.958	37.782	27.138	H
ATOM	7855	O	HOH A	1	46.919	37.871	50.243	O
ATOM	7856	H1	HOH A	2	46.918	36.947	50.568	H
ATOM	7857	H2	HOH A	3	46.908	37.847	49.263	H
ATOM	7858	O	HOH A	1	6.285	37.759	6.084	O
ATOM	7859	H1	HOH A	2	6.286	36.831	6.399	H
ATOM	7860	H2	HOH A	3	6.260	37.746	5.104	H
ATOM	7861	O	HOH A	1	6.261	37.773	28.213	O
ATOM	7862	H1	HOH A	2	6.265	36.847	28.533	H
ATOM	7863	H2	HOH A	3	6.245	37.756	27.234	H
ATOM	7864	O	HOH A	1	6.240	37.828	50.344	O
ATOM	7865	H1	HOH A	2	6.259	36.904	50.670	H
ATOM	7866	H2	HOH A	3	6.220	37.804	49.365	H
ATOM	7867	O	HOH A	1	28.865	37.969	6.083	O
ATOM	7868	H1	HOH A	2	28.870	37.044	6.406	H
ATOM	7869	H2	HOH A	3	28.844	37.948	5.103	H
ATOM	7870	O	HOH A	1	28.866	37.777	28.217	O
ATOM	7871	H1	HOH A	2	28.871	36.848	28.528	H
ATOM	7872	H2	HOH A	3	28.845	37.769	27.238	H
ATOM	7873	O	HOH A	1	28.868	37.838	50.309	O
ATOM	7874	H1	HOH A	2	28.875	36.911	50.628	H
ATOM	7875	H2	HOH A	3	28.855	37.821	49.329	H
ATOM	7876	O	HOH A	1	51.463	37.933	6.030	O
ATOM	7877	H1	HOH A	2	51.468	37.008	6.353	H
ATOM	7878	H2	HOH A	3	51.440	37.911	5.051	H
ATOM	7879	O	HOH A	1	51.526	37.796	28.130	O
ATOM	7880	H1	HOH A	2	51.534	36.869	28.447	H
ATOM	7881	H2	HOH A	3	51.505	37.781	27.150	H
ATOM	7882	O	HOH A	1	51.461	37.866	50.274	O
ATOM	7883	H1	HOH A	2	51.471	36.940	50.596	H
ATOM	7884	H2	HOH A	3	51.444	37.846	49.294	H
ATOM	7885	O	HOH A	1	10.809	37.761	6.066	O
ATOM	7886	H1	HOH A	2	10.007	38.213	6.400	H

ATOM	7887	H2	HOH A	3	11.592	38.242	6.407	H
ATOM	7888	O	HOH A	1	10.778	37.781	28.200	O
ATOM	7889	H1	HOH A	2	9.981	38.239	28.540	H
ATOM	7890	H2	HOH A	3	11.566	38.254	28.538	H
ATOM	7891	O	HOH A	1	10.755	37.817	50.330	O
ATOM	7892	H1	HOH A	2	9.956	38.275	50.664	H
ATOM	7893	H2	HOH A	3	11.541	38.294	50.669	H
ATOM	7894	O	HOH A	1	33.364	37.982	6.053	O
ATOM	7895	H1	HOH A	2	32.568	38.441	6.393	H
ATOM	7896	H2	HOH A	3	34.153	38.457	6.390	H
ATOM	7897	O	HOH A	1	33.397	37.784	28.180	O
ATOM	7898	H1	HOH A	2	32.601	38.238	28.527	H
ATOM	7899	H2	HOH A	3	34.187	38.254	28.521	H
ATOM	7900	O	HOH A	1	33.384	37.853	50.275	O
ATOM	7901	H1	HOH A	2	32.589	38.316	50.613	H
ATOM	7902	H2	HOH A	3	34.174	38.326	50.609	H
ATOM	7903	O	HOH A	1	55.975	37.877	5.993	O
ATOM	7904	H1	HOH A	2	55.187	38.347	6.335	H
ATOM	7905	H2	HOH A	3	56.772	38.335	6.333	H
ATOM	7906	O	HOH A	1	56.032	37.780	28.121	O
ATOM	7907	H1	HOH A	2	55.236	38.244	28.455	H
ATOM	7908	H2	HOH A	3	56.822	38.247	28.465	H
ATOM	7909	O	HOH A	1	55.966	37.856	50.271	O
ATOM	7910	H1	HOH A	2	55.168	38.320	50.600	H
ATOM	7911	H2	HOH A	3	56.754	38.329	50.612	H
ATOM	7912	O	HOH A	1	15.311	37.764	6.122	O
ATOM	7913	H1	HOH A	2	16.109	38.242	6.430	H
ATOM	7914	H2	HOH A	3	15.311	37.773	5.142	H
ATOM	7915	O	HOH A	1	15.267	37.733	28.276	O
ATOM	7916	H1	HOH A	2	16.068	38.210	28.580	H
ATOM	7917	H2	HOH A	3	15.268	37.735	27.296	H
ATOM	7918	O	HOH A	1	15.264	37.769	50.368	O
ATOM	7919	H1	HOH A	2	16.066	38.246	50.668	H
ATOM	7920	H2	HOH A	3	15.261	37.767	49.388	H
ATOM	7921	O	HOH A	1	37.883	37.944	6.077	O
ATOM	7922	H1	HOH A	2	38.683	38.422	6.381	H

ATOM	7923	H2	HOH A	3	37.878	37.954	5.097	H
ATOM	7924	O	HOH A	1	37.925	37.747	28.196	O
ATOM	7925	H1	HOH A	2	38.733	38.212	28.500	H
ATOM	7926	H2	HOH A	3	37.914	37.768	27.216	H
ATOM	7927	O	HOH A	1	37.897	37.806	50.318	O
ATOM	7928	H1	HOH A	2	38.699	38.285	50.614	H
ATOM	7929	H2	HOH A	3	37.897	37.794	49.338	H
ATOM	7930	O	HOH A	1	60.501	37.779	6.075	O
ATOM	7931	H1	HOH A	2	61.306	38.246	6.383	H
ATOM	7932	H2	HOH A	3	60.499	37.793	5.095	H
ATOM	7933	O	HOH A	1	60.518	37.730	28.178	O
ATOM	7934	H1	HOH A	2	61.323	38.201	28.480	H
ATOM	7935	H2	HOH A	3	60.517	37.729	27.198	H
ATOM	7936	O	HOH A	1	60.467	37.809	50.344	O
ATOM	7937	H1	HOH A	2	61.272	38.279	50.648	H
ATOM	7938	H2	HOH A	3	60.467	37.811	49.364	H
ATOM	7939	O	HOH A	1	19.810	37.846	6.082	O
ATOM	7940	H1	HOH A	2	20.612	38.322	6.384	H
ATOM	7941	H2	HOH A	3	19.810	37.844	5.102	H
ATOM	7942	O	HOH A	1	19.778	37.777	28.241	O
ATOM	7943	H1	HOH A	2	20.585	38.241	28.547	H
ATOM	7944	H2	HOH A	3	19.776	37.786	27.261	H
ATOM	7945	O	HOH A	1	19.786	37.815	50.347	O
ATOM	7946	H1	HOH A	2	20.586	38.296	50.645	H
ATOM	7947	H2	HOH A	3	19.784	37.807	49.367	H
ATOM	7948	O	HOH A	1	42.377	37.983	6.029	O
ATOM	7949	H1	HOH A	2	43.180	38.457	6.331	H
ATOM	7950	H2	HOH A	3	42.370	37.993	5.049	H
ATOM	7951	O	HOH A	1	42.437	37.787	28.146	O
ATOM	7952	H1	HOH A	2	43.240	38.262	28.446	H
ATOM	7953	H2	HOH A	3	42.428	37.795	27.166	H
ATOM	7954	O	HOH A	1	42.414	37.860	50.275	O
ATOM	7955	H1	HOH A	2	43.210	38.345	50.578	H
ATOM	7956	H2	HOH A	3	42.419	37.851	49.295	H
ATOM	7957	O	HOH A	1	65.011	37.786	6.061	O
ATOM	7958	H1	HOH A	2	65.814	38.258	6.367	H

ATOM	7959	H2	HOH A	3	65.010	37.796	5.081	H
ATOM	7960	O	HOH A	1	65.014	37.767	28.159	O
ATOM	7961	H1	HOH A	2	65.813	38.245	28.466	H
ATOM	7962	H2	HOH A	3	65.017	37.772	27.179	H
ATOM	7963	O	HOH A	1	64.980	37.827	50.322	O
ATOM	7964	H1	HOH A	2	65.776	38.310	50.626	H
ATOM	7965	H2	HOH A	3	64.981	37.827	49.342	H
ATOM	7966	O	HOH A	1	22.093	41.791	6.060	O
ATOM	7967	H1	HOH A	2	22.095	40.871	6.396	H
ATOM	7968	H2	HOH A	3	21.285	42.234	6.395	H
ATOM	7969	O	HOH A	1	22.096	41.688	28.218	O
ATOM	7970	H1	HOH A	2	22.088	40.769	28.557	H
ATOM	7971	H2	HOH A	3	21.290	42.138	28.547	H
ATOM	7972	O	HOH A	1	22.099	41.755	50.319	O
ATOM	7973	H1	HOH A	2	22.098	40.836	50.659	H
ATOM	7974	H2	HOH A	3	21.287	42.199	50.641	H
ATOM	7975	O	HOH A	1	44.675	41.900	6.003	O
ATOM	7976	H1	HOH A	2	44.671	40.980	6.341	H
ATOM	7977	H2	HOH A	3	43.869	42.348	6.335	H
ATOM	7978	O	HOH A	1	44.726	41.721	28.130	O
ATOM	7979	H1	HOH A	2	44.724	40.799	28.462	H
ATOM	7980	H2	HOH A	3	43.924	42.168	28.472	H
ATOM	7981	O	HOH A	1	44.687	41.798	50.250	O
ATOM	7982	H1	HOH A	2	44.681	40.881	50.596	H
ATOM	7983	H2	HOH A	3	43.881	42.250	50.576	H
ATOM	7984	O	HOH A	1	67.294	41.704	6.051	O
ATOM	7985	H1	HOH A	2	67.294	40.785	6.390	H
ATOM	7986	H2	HOH A	3	66.489	42.151	6.385	H
ATOM	7987	O	HOH A	1	67.298	41.707	28.153	O
ATOM	7988	H1	HOH A	2	67.302	40.789	28.496	H
ATOM	7989	H2	HOH A	3	66.489	42.150	28.483	H
ATOM	7990	O	HOH A	1	67.270	41.764	50.305	O
ATOM	7991	H1	HOH A	2	67.263	40.848	50.653	H
ATOM	7992	H2	HOH A	3	66.466	42.218	50.633	H
ATOM	7993	O	HOH A	1	3.979	41.640	6.086	O
ATOM	7994	H1	HOH A	2	3.984	40.717	6.416	H

ATOM	7995	H2	HOH A	3	4.780	42.088	6.429	H
ATOM	7996	O	HOH A	1	3.971	41.669	28.200	O
ATOM	7997	H1	HOH A	2	3.973	40.749	28.538	H
ATOM	7998	H2	HOH A	3	4.770	42.120	28.545	H
ATOM	7999	O	HOH A	1	3.952	41.713	50.355	O
ATOM	8000	H1	HOH A	2	3.944	40.792	50.690	H
ATOM	8001	H2	HOH A	3	4.755	42.155	50.701	H
ATOM	8002	O	HOH A	1	26.576	41.822	6.081	O
ATOM	8003	H1	HOH A	2	26.570	40.903	6.421	H
ATOM	8004	H2	HOH A	3	27.376	42.269	6.428	H
ATOM	8005	O	HOH A	1	26.581	41.665	28.238	O
ATOM	8006	H1	HOH A	2	26.581	40.744	28.573	H
ATOM	8007	H2	HOH A	3	27.383	42.112	28.581	H
ATOM	8008	O	HOH A	1	26.584	41.722	50.313	O
ATOM	8009	H1	HOH A	2	26.577	40.804	50.656	H
ATOM	8010	H2	HOH A	3	27.388	42.166	50.655	H
ATOM	8011	O	HOH A	1	49.160	41.828	6.015	O
ATOM	8012	H1	HOH A	2	49.163	40.906	6.349	H
ATOM	8013	H2	HOH A	3	49.962	42.276	6.356	H
ATOM	8014	O	HOH A	1	49.218	41.674	28.130	O
ATOM	8015	H1	HOH A	2	49.218	40.752	28.463	H
ATOM	8016	H2	HOH A	3	50.012	42.125	28.487	H
ATOM	8017	O	HOH A	1	49.181	41.767	50.287	O
ATOM	8018	H1	HOH A	2	49.185	40.847	50.625	H
ATOM	8019	H2	HOH A	3	49.974	42.222	50.638	H
ATOM	8020	O	HOH A	1	8.503	41.679	6.073	O
ATOM	8021	H1	HOH A	2	8.510	40.754	6.397	H
ATOM	8022	H2	HOH A	3	8.486	41.655	5.093	H
ATOM	8023	O	HOH A	1	8.477	41.698	28.208	O
ATOM	8024	H1	HOH A	2	8.473	40.775	28.537	H
ATOM	8025	H2	HOH A	3	8.469	41.670	27.228	H
ATOM	8026	O	HOH A	1	8.462	41.743	50.333	O
ATOM	8027	H1	HOH A	2	8.448	40.818	50.658	H
ATOM	8028	H2	HOH A	3	8.448	41.720	49.354	H
ATOM	8029	O	HOH A	1	31.082	41.897	6.063	O
ATOM	8030	H1	HOH A	2	31.075	40.971	6.382	H

ATOM	8031	H2	HOH A	3	31.072	41.881	5.083	H
ATOM	8032	O	HOH A	1	31.097	41.704	28.193	O
ATOM	8033	H1	HOH A	2	31.084	40.774	28.503	H
ATOM	8034	H2	HOH A	3	31.084	41.697	27.213	H
ATOM	8035	O	HOH A	1	31.093	41.769	50.293	O
ATOM	8036	H1	HOH A	2	31.091	40.844	50.616	H
ATOM	8037	H2	HOH A	3	31.078	41.748	49.313	H
ATOM	8038	O	HOH A	1	53.679	41.834	6.011	O
ATOM	8039	H1	HOH A	2	53.683	40.907	6.327	H
ATOM	8040	H2	HOH A	3	53.665	41.820	5.031	H
ATOM	8041	O	HOH A	1	53.722	41.710	28.130	O
ATOM	8042	H1	HOH A	2	53.715	40.784	28.452	H
ATOM	8043	H2	HOH A	3	53.716	41.690	27.151	H
ATOM	8044	O	HOH A	1	53.674	41.787	50.267	O
ATOM	8045	H1	HOH A	2	53.661	40.862	50.591	H
ATOM	8046	H2	HOH A	3	53.661	41.764	49.288	H
ATOM	8047	O	HOH A	1	13.044	41.662	6.091	O
ATOM	8048	H1	HOH A	2	12.245	42.125	6.419	H
ATOM	8049	H2	HOH A	3	13.830	42.133	6.439	H
ATOM	8050	O	HOH A	1	13.021	41.663	28.241	O
ATOM	8051	H1	HOH A	2	12.221	42.123	28.570	H
ATOM	8052	H2	HOH A	3	13.806	42.133	28.593	H
ATOM	8053	O	HOH A	1	13.020	41.701	50.366	O
ATOM	8054	H1	HOH A	2	12.224	42.167	50.697	H
ATOM	8055	H2	HOH A	3	13.810	42.164	50.715	H
ATOM	8056	O	HOH A	1	35.613	41.868	6.056	O
ATOM	8057	H1	HOH A	2	34.815	42.324	6.397	H
ATOM	8058	H2	HOH A	3	36.400	42.335	6.405	H
ATOM	8059	O	HOH A	1	35.645	41.663	28.199	O
ATOM	8060	H1	HOH A	2	34.851	42.129	28.535	H
ATOM	8061	H2	HOH A	3	36.437	42.126	28.544	H
ATOM	8062	O	HOH A	1	35.649	41.737	50.290	O
ATOM	8063	H1	HOH A	2	34.850	42.195	50.626	H
ATOM	8064	H2	HOH A	3	36.436	42.206	50.638	H
ATOM	8065	O	HOH A	1	58.230	41.712	6.051	O
ATOM	8066	H1	HOH A	2	57.440	42.185	6.385	H

ATOM	8067	H2	HOH A	3	59.025	42.169	6.395	H
ATOM	8068	O	HOH A	1	58.263	41.662	28.148	O
ATOM	8069	H1	HOH A	2	57.465	42.123	28.482	H
ATOM	8070	H2	HOH A	3	59.050	42.130	28.496	H
ATOM	8071	O	HOH A	1	58.209	41.737	50.302	O
ATOM	8072	H1	HOH A	2	57.415	42.206	50.632	H
ATOM	8073	H2	HOH A	3	59.000	42.197	50.653	H
ATOM	8074	O	HOH A	1	17.560	41.738	6.101	O
ATOM	8075	H1	HOH A	2	17.549	40.812	6.421	H
ATOM	8076	H2	HOH A	3	17.554	41.719	5.121	H
ATOM	8077	O	HOH A	1	17.553	41.692	28.246	O
ATOM	8078	H1	HOH A	2	17.545	40.766	28.569	H
ATOM	8079	H2	HOH A	3	17.547	41.671	27.267	H
ATOM	8080	O	HOH A	1	17.542	41.730	50.349	O
ATOM	8081	H1	HOH A	2	17.524	40.806	50.673	H
ATOM	8082	H2	HOH A	3	17.537	41.708	49.370	H
ATOM	8083	O	HOH A	1	40.152	41.909	6.055	O
ATOM	8084	H1	HOH A	2	40.138	40.982	6.373	H
ATOM	8085	H2	HOH A	3	40.145	41.892	5.075	H
ATOM	8086	O	HOH A	1	40.194	41.705	28.179	O
ATOM	8087	H1	HOH A	2	40.193	40.775	28.488	H
ATOM	8088	H2	HOH A	3	40.181	41.698	27.199	H
ATOM	8089	O	HOH A	1	40.175	41.762	50.290	O
ATOM	8090	H1	HOH A	2	40.168	40.836	50.613	H
ATOM	8091	H2	HOH A	3	40.175	41.741	49.311	H
ATOM	8092	O	HOH A	1	62.769	41.703	6.058	O
ATOM	8093	H1	HOH A	2	62.756	40.775	6.373	H
ATOM	8094	H2	HOH A	3	62.759	41.691	5.079	H
ATOM	8095	O	HOH A	1	62.786	41.684	28.162	O
ATOM	8096	H1	HOH A	2	62.770	40.756	28.477	H
ATOM	8097	H2	HOH A	3	62.783	41.671	27.183	H
ATOM	8098	O	HOH A	1	62.750	41.745	50.321	O
ATOM	8099	H1	HOH A	2	62.737	40.822	50.651	H
ATOM	8100	H2	HOH A	3	62.749	41.717	49.342	H
ATOM	8101	O	HOH A	1	1.746	45.594	3.283	O
ATOM	8102	H1	HOH A	2	1.736	44.661	2.983	H

ATOM	8103	H2	HOH A	3	1.760	45.597	4.263	H
ATOM	8104	O	HOH A	1	1.760	45.574	25.399	O
ATOM	8105	H1	HOH A	2	1.751	44.642	25.097	H
ATOM	8106	H2	HOH A	3	1.769	45.574	26.379	H
ATOM	8107	O	HOH A	1	1.725	45.605	47.545	O
ATOM	8108	H1	HOH A	2	1.718	44.672	47.246	H
ATOM	8109	H2	HOH A	3	1.733	45.610	48.525	H
ATOM	8110	O	HOH A	1	24.359	45.732	3.281	O
ATOM	8111	H1	HOH A	2	24.348	44.802	2.971	H
ATOM	8112	H2	HOH A	3	24.359	45.723	4.261	H
ATOM	8113	O	HOH A	1	24.360	45.606	25.449	O
ATOM	8114	H1	HOH A	2	24.352	44.675	25.143	H
ATOM	8115	H2	HOH A	3	24.364	45.603	26.429	H
ATOM	8116	O	HOH A	1	24.348	45.610	47.526	O
ATOM	8117	H1	HOH A	2	24.337	44.676	47.229	H
ATOM	8118	H2	HOH A	3	24.358	45.617	48.506	H
ATOM	8119	O	HOH A	1	46.943	45.789	3.238	O
ATOM	8120	H1	HOH A	2	46.939	44.858	2.931	H
ATOM	8121	H2	HOH A	3	46.944	45.784	4.218	H
ATOM	8122	O	HOH A	1	46.977	45.613	25.350	O
ATOM	8123	H1	HOH A	2	46.977	44.683	25.042	H
ATOM	8124	H2	HOH A	3	46.986	45.608	26.329	H
ATOM	8125	O	HOH A	1	46.977	45.639	47.494	O
ATOM	8126	H1	HOH A	2	46.969	44.705	47.197	H
ATOM	8127	H2	HOH A	3	46.979	45.646	48.474	H
ATOM	8128	O	HOH A	1	6.268	45.591	3.344	O
ATOM	8129	H1	HOH A	2	5.462	46.059	3.043	H
ATOM	8130	H2	HOH A	3	6.267	45.585	4.324	H
ATOM	8131	O	HOH A	1	6.250	45.586	25.465	O
ATOM	8132	H1	HOH A	2	5.446	46.056	25.158	H
ATOM	8133	H2	HOH A	3	6.248	45.591	26.445	H
ATOM	8134	O	HOH A	1	6.227	45.616	47.607	O
ATOM	8135	H1	HOH A	2	5.428	46.091	47.296	H
ATOM	8136	H2	HOH A	3	6.224	45.626	48.587	H
ATOM	8137	O	HOH A	1	28.868	45.773	3.327	O
ATOM	8138	H1	HOH A	2	28.062	46.237	3.020	H

ATOM	8139	H2	HOH A	3	28.862	45.771	4.306	H
ATOM	8140	O	HOH A	1	28.864	45.636	25.478	O
ATOM	8141	H1	HOH A	2	28.063	46.116	25.181	H
ATOM	8142	H2	HOH A	3	28.864	45.623	26.458	H
ATOM	8143	O	HOH A	1	28.868	45.627	47.571	O
ATOM	8144	H1	HOH A	2	28.061	46.095	47.272	H
ATOM	8145	H2	HOH A	3	28.875	45.630	48.551	H
ATOM	8146	O	HOH A	1	51.439	45.762	3.266	O
ATOM	8147	H1	HOH A	2	50.637	46.237	2.962	H
ATOM	8148	H2	HOH A	3	51.432	45.755	4.246	H
ATOM	8149	O	HOH A	1	51.472	45.617	25.397	O
ATOM	8150	H1	HOH A	2	50.666	46.089	25.101	H
ATOM	8151	H2	HOH A	3	51.478	45.614	26.377	H
ATOM	8152	O	HOH A	1	51.469	45.647	47.537	O
ATOM	8153	H1	HOH A	2	50.662	46.112	47.231	H
ATOM	8154	H2	HOH A	3	51.470	45.656	48.517	H
ATOM	8155	O	HOH A	1	10.778	45.604	3.301	O
ATOM	8156	H1	HOH A	2	11.586	46.062	2.986	H
ATOM	8157	H2	HOH A	3	10.796	45.599	4.281	H
ATOM	8158	O	HOH A	1	10.760	45.576	25.437	O
ATOM	8159	H1	HOH A	2	11.569	46.034	25.124	H
ATOM	8160	H2	HOH A	3	10.767	45.586	26.417	H
ATOM	8161	O	HOH A	1	10.738	45.599	47.560	O
ATOM	8162	H1	HOH A	2	11.545	46.058	47.247	H
ATOM	8163	H2	HOH A	3	10.749	45.601	48.540	H
ATOM	8164	O	HOH A	1	33.379	45.815	3.281	O
ATOM	8165	H1	HOH A	2	34.184	46.282	2.972	H
ATOM	8166	H2	HOH A	3	33.391	45.808	4.261	H
ATOM	8167	O	HOH A	1	33.387	45.627	25.433	O
ATOM	8168	H1	HOH A	2	34.195	46.085	25.120	H
ATOM	8169	H2	HOH A	3	33.401	45.625	26.413	H
ATOM	8170	O	HOH A	1	33.381	45.602	47.510	O
ATOM	8171	H1	HOH A	2	34.187	46.064	47.199	H
ATOM	8172	H2	HOH A	3	33.388	45.607	48.490	H
ATOM	8173	O	HOH A	1	55.953	45.691	3.247	O
ATOM	8174	H1	HOH A	2	56.763	46.149	2.938	H

ATOM	8175	H2	HOH A	3	55.962	45.689	4.227	H
ATOM	8176	O	HOH A	1	55.994	45.601	25.358	O
ATOM	8177	H1	HOH A	2	56.803	46.059	25.047	H
ATOM	8178	H2	HOH A	3	56.007	45.595	26.338	H
ATOM	8179	O	HOH A	1	55.966	45.646	47.515	O
ATOM	8180	H1	HOH A	2	56.772	46.103	47.198	H
ATOM	8181	H2	HOH A	3	55.979	45.651	48.495	H
ATOM	8182	O	HOH A	1	15.297	45.660	3.331	O
ATOM	8183	H1	HOH A	2	15.303	44.736	3.007	H
ATOM	8184	H2	HOH A	3	16.088	46.113	2.970	H
ATOM	8185	O	HOH A	1	15.271	45.625	25.491	O
ATOM	8186	H1	HOH A	2	15.277	44.704	25.158	H
ATOM	8187	H2	HOH A	3	16.063	46.081	25.138	H
ATOM	8188	O	HOH A	1	15.260	45.636	47.607	O
ATOM	8189	H1	HOH A	2	15.272	44.712	47.279	H
ATOM	8190	H2	HOH A	3	16.054	46.091	47.257	H
ATOM	8191	O	HOH A	1	37.880	45.866	3.317	O
ATOM	8192	H1	HOH A	2	37.877	44.942	2.988	H
ATOM	8193	H2	HOH A	3	38.677	46.311	2.959	H
ATOM	8194	O	HOH A	1	37.901	45.660	25.435	O
ATOM	8195	H1	HOH A	2	37.909	44.738	25.101	H
ATOM	8196	H2	HOH A	3	38.694	46.116	25.085	H
ATOM	8197	O	HOH A	1	37.906	45.657	47.535	O
ATOM	8198	H1	HOH A	2	37.913	44.733	47.209	H
ATOM	8199	H2	HOH A	3	38.700	46.109	47.181	H
ATOM	8200	O	HOH A	1	60.476	45.698	3.313	O
ATOM	8201	H1	HOH A	2	60.484	44.775	2.984	H
ATOM	8202	H2	HOH A	3	61.271	46.152	2.960	H
ATOM	8203	O	HOH A	1	60.499	45.627	25.413	O
ATOM	8204	H1	HOH A	2	60.498	44.705	25.081	H
ATOM	8205	H2	HOH A	3	61.293	46.076	25.057	H
ATOM	8206	O	HOH A	1	60.467	45.671	47.578	O
ATOM	8207	H1	HOH A	2	60.479	44.749	47.245	H
ATOM	8208	H2	HOH A	3	61.263	46.127	47.234	H
ATOM	8209	O	HOH A	1	19.828	45.703	3.304	O
ATOM	8210	H1	HOH A	2	19.815	44.784	2.964	H

ATOM	8211	H2	HOH A	3	19.027	46.160	2.971	H
ATOM	8212	O	HOH A	1	19.807	45.638	25.455	O
ATOM	8213	H1	HOH A	2	19.795	44.720	25.113	H
ATOM	8214	H2	HOH A	3	19.005	46.094	25.124	H
ATOM	8215	O	HOH A	1	19.809	45.642	47.573	O
ATOM	8216	H1	HOH A	2	19.786	44.722	47.236	H
ATOM	8217	H2	HOH A	3	19.016	46.108	47.235	H
ATOM	8218	O	HOH A	1	42.409	45.833	3.267	O
ATOM	8219	H1	HOH A	2	42.389	44.915	2.925	H
ATOM	8220	H2	HOH A	3	41.617	46.300	2.928	H
ATOM	8221	O	HOH A	1	42.439	45.661	25.400	O
ATOM	8222	H1	HOH A	2	42.418	44.745	25.053	H
ATOM	8223	H2	HOH A	3	41.643	46.128	25.071	H
ATOM	8224	O	HOH A	1	42.448	45.670	47.499	O
ATOM	8225	H1	HOH A	2	42.428	44.749	47.163	H
ATOM	8226	H2	HOH A	3	41.651	46.132	47.163	H
ATOM	8227	O	HOH A	1	65.011	45.656	3.285	O
ATOM	8228	H1	HOH A	2	64.989	44.739	2.941	H
ATOM	8229	H2	HOH A	3	64.217	46.124	2.950	H
ATOM	8230	O	HOH A	1	65.022	45.616	25.387	O
ATOM	8231	H1	HOH A	2	65.005	44.698	25.044	H
ATOM	8232	H2	HOH A	3	64.227	46.080	25.051	H
ATOM	8233	O	HOH A	1	65.001	45.660	47.535	O
ATOM	8234	H1	HOH A	2	64.977	44.741	47.197	H
ATOM	8235	H2	HOH A	3	64.210	46.129	47.195	H
ATOM	8236	O	HOH A	1	22.078	26.134	3.333	O
ATOM	8237	H1	HOH A	2	22.064	25.216	2.991	H
ATOM	8238	H2	HOH A	3	21.275	26.591	3.008	H
ATOM	8239	O	HOH A	1	22.066	26.028	25.487	O
ATOM	8240	H1	HOH A	2	22.060	25.110	25.145	H
ATOM	8241	H2	HOH A	3	21.261	26.479	25.156	H
ATOM	8242	O	HOH A	1	22.059	26.044	47.574	O
ATOM	8243	H1	HOH A	2	22.042	25.123	47.240	H
ATOM	8244	H2	HOH A	3	21.254	26.499	47.249	H
ATOM	8245	O	HOH A	1	44.658	26.225	3.265	O
ATOM	8246	H1	HOH A	2	44.650	25.308	2.921	H

ATOM	8247	H2	HOH A	3	43.850	26.676	2.942	H
ATOM	8248	O	HOH A	1	44.698	26.058	25.414	O
ATOM	8249	H1	HOH A	2	44.685	25.141	25.067	H
ATOM	8250	H2	HOH A	3	43.892	26.514	25.092	H
ATOM	8251	O	HOH A	1	44.691	26.064	47.538	O
ATOM	8252	H1	HOH A	2	44.677	25.144	47.201	H
ATOM	8253	H2	HOH A	3	43.887	26.518	47.211	H
ATOM	8254	O	HOH A	1	67.269	26.032	3.312	O
ATOM	8255	H1	HOH A	2	67.252	25.116	2.964	H
ATOM	8256	H2	HOH A	3	66.468	26.494	2.987	H
ATOM	8257	O	HOH A	1	67.264	26.008	25.425	O
ATOM	8258	H1	HOH A	2	67.254	25.087	25.090	H
ATOM	8259	H2	HOH A	3	66.461	26.460	25.091	H
ATOM	8260	O	HOH A	1	67.240	26.058	47.582	O
ATOM	8261	H1	HOH A	2	67.225	25.141	47.237	H
ATOM	8262	H2	HOH A	3	66.444	26.520	47.248	H
ATOM	8263	O	HOH A	1	3.993	26.014	3.296	O
ATOM	8264	H1	HOH A	2	3.203	26.485	2.960	H
ATOM	8265	H2	HOH A	3	4.788	26.486	2.972	H
ATOM	8266	O	HOH A	1	3.973	26.016	25.426	O
ATOM	8267	H1	HOH A	2	3.180	26.480	25.084	H
ATOM	8268	H2	HOH A	3	4.765	26.493	25.102	H
ATOM	8269	O	HOH A	1	3.952	26.044	47.575	O
ATOM	8270	H1	HOH A	2	3.159	26.510	47.238	H
ATOM	8271	H2	HOH A	3	4.745	26.521	47.251	H
ATOM	8272	O	HOH A	1	26.596	26.174	3.301	O
ATOM	8273	H1	HOH A	2	25.797	26.632	2.967	H
ATOM	8274	H2	HOH A	3	27.382	26.663	2.979	H
ATOM	8275	O	HOH A	1	26.581	26.057	25.466	O
ATOM	8276	H1	HOH A	2	25.785	26.519	25.130	H
ATOM	8277	H2	HOH A	3	27.370	26.536	25.138	H
ATOM	8278	O	HOH A	1	26.570	26.048	47.553	O
ATOM	8279	H1	HOH A	2	25.773	26.512	47.223	H
ATOM	8280	H2	HOH A	3	27.358	26.531	47.227	H
ATOM	8281	O	HOH A	1	49.167	26.205	3.257	O
ATOM	8282	H1	HOH A	2	48.376	26.679	2.927	H

ATOM	8283	H2	HOH A	3	49.962	26.678	2.932	H
ATOM	8284	O	HOH A	1	49.195	26.053	25.379	O
ATOM	8285	H1	HOH A	2	48.405	26.527	25.044	H
ATOM	8286	H2	HOH A	3	49.991	26.522	25.054	H
ATOM	8287	O	HOH A	1	49.204	26.077	47.512	O
ATOM	8288	H1	HOH A	2	48.408	26.541	47.180	H
ATOM	8289	H2	HOH A	3	49.994	26.554	47.181	H
ATOM	8290	O	HOH A	1	8.522	26.029	3.361	O
ATOM	8291	H1	HOH A	2	8.529	25.106	3.031	H
ATOM	8292	H2	HOH A	3	9.318	26.481	3.012	H
ATOM	8293	O	HOH A	1	8.492	26.009	25.496	O
ATOM	8294	H1	HOH A	2	8.504	25.086	25.167	H
ATOM	8295	H2	HOH A	3	9.291	26.463	25.154	H
ATOM	8296	O	HOH A	1	8.481	26.054	47.643	O
ATOM	8297	H1	HOH A	2	8.480	25.128	47.323	H
ATOM	8298	H2	HOH A	3	9.283	26.495	47.293	H
ATOM	8299	O	HOH A	1	31.105	26.229	3.355	O
ATOM	8300	H1	HOH A	2	31.113	25.309	3.018	H
ATOM	8301	H2	HOH A	3	31.900	26.685	3.007	H
ATOM	8302	O	HOH A	1	31.123	26.066	25.511	O
ATOM	8303	H1	HOH A	2	31.124	25.145	25.175	H
ATOM	8304	H2	HOH A	3	31.925	26.513	25.171	H
ATOM	8305	O	HOH A	1	31.112	26.056	47.602	O
ATOM	8306	H1	HOH A	2	31.114	25.133	47.274	H
ATOM	8307	H2	HOH A	3	31.910	26.504	47.252	H
ATOM	8308	O	HOH A	1	53.684	26.157	3.316	O
ATOM	8309	H1	HOH A	2	53.689	25.237	2.978	H
ATOM	8310	H2	HOH A	3	54.483	26.609	2.975	H
ATOM	8311	O	HOH A	1	53.730	26.041	25.422	O
ATOM	8312	H1	HOH A	2	53.730	25.121	25.085	H
ATOM	8313	H2	HOH A	3	54.531	26.489	25.079	H
ATOM	8314	O	HOH A	1	53.717	26.088	47.578	O
ATOM	8315	H1	HOH A	2	53.722	25.167	47.243	H
ATOM	8316	H2	HOH A	3	54.518	26.538	47.238	H
ATOM	8317	O	HOH A	1	13.054	26.063	3.288	O
ATOM	8318	H1	HOH A	2	13.046	25.134	2.975	H

ATOM	8319	H2	HOH A	3	13.056	26.053	4.268	H
ATOM	8320	O	HOH A	1	13.028	26.032	25.444	O
ATOM	8321	H1	HOH A	2	13.019	25.101	25.136	H
ATOM	8322	H2	HOH A	3	13.027	26.026	26.424	H
ATOM	8323	O	HOH A	1	13.009	26.055	47.560	O
ATOM	8324	H1	HOH A	2	13.012	25.123	47.257	H
ATOM	8325	H2	HOH A	3	13.002	26.055	48.540	H
ATOM	8326	O	HOH A	1	35.629	26.276	3.272	O
ATOM	8327	H1	HOH A	2	35.629	25.347	2.960	H
ATOM	8328	H2	HOH A	3	35.625	26.266	4.252	H
ATOM	8329	O	HOH A	1	35.652	26.085	25.413	O
ATOM	8330	H1	HOH A	2	35.643	25.157	25.100	H
ATOM	8331	H2	HOH A	3	35.648	26.074	26.393	H
ATOM	8332	O	HOH A	1	35.663	26.072	47.496	O
ATOM	8333	H1	HOH A	2	35.653	25.141	47.190	H
ATOM	8334	H2	HOH A	3	35.654	26.069	48.476	H
ATOM	8335	O	HOH A	1	58.221	26.127	3.235	O
ATOM	8336	H1	HOH A	2	58.215	25.198	2.920	H
ATOM	8337	H2	HOH A	3	58.223	26.114	4.215	H
ATOM	8338	O	HOH A	1	58.250	26.048	25.362	O
ATOM	8339	H1	HOH A	2	58.249	25.118	25.053	H
ATOM	8340	H2	HOH A	3	58.249	26.042	26.342	H
ATOM	8341	O	HOH A	1	58.239	26.093	47.518	O
ATOM	8342	H1	HOH A	2	58.242	25.164	47.207	H
ATOM	8343	H2	HOH A	3	58.230	26.085	48.498	H
ATOM	8344	O	HOH A	1	17.570	26.076	3.330	O
ATOM	8345	H1	HOH A	2	16.771	26.537	2.999	H
ATOM	8346	H2	HOH A	3	17.538	26.080	4.310	H
ATOM	8347	O	HOH A	1	17.550	26.013	25.500	O
ATOM	8348	H1	HOH A	2	16.753	26.471	25.160	H
ATOM	8349	H2	HOH A	3	17.516	26.031	26.479	H
ATOM	8350	O	HOH A	1	17.538	26.039	47.595	O
ATOM	8351	H1	HOH A	2	16.740	26.495	47.256	H
ATOM	8352	H2	HOH A	3	17.505	26.059	48.574	H
ATOM	8353	O	HOH A	1	40.145	26.239	3.303	O
ATOM	8354	H1	HOH A	2	39.345	26.698	2.970	H

ATOM	8355	H2	HOH A	3	40.114	26.248	4.282	H
ATOM	8356	O	HOH A	1	40.186	26.057	25.433	O
ATOM	8357	H1	HOH A	2	39.385	26.518	25.107	H
ATOM	8358	H2	HOH A	3	40.157	26.056	26.413	H
ATOM	8359	O	HOH A	1	40.182	26.054	47.531	O
ATOM	8360	H1	HOH A	2	39.386	26.514	47.194	H
ATOM	8361	H2	HOH A	3	40.152	26.074	48.511	H
ATOM	8362	O	HOH A	1	62.749	26.062	3.308	O
ATOM	8363	H1	HOH A	2	61.956	26.532	2.975	H
ATOM	8364	H2	HOH A	3	62.713	26.064	4.287	H
ATOM	8365	O	HOH A	1	62.758	26.007	25.424	O
ATOM	8366	H1	HOH A	2	61.963	26.471	25.089	H
ATOM	8367	H2	HOH A	3	62.722	26.013	26.404	H
ATOM	8368	O	HOH A	1	62.764	26.060	47.571	O
ATOM	8369	H1	HOH A	2	61.966	26.522	47.238	H
ATOM	8370	H2	HOH A	3	62.733	26.070	48.550	H
ATOM	8371	O	HOH A	1	1.800	29.937	3.319	O
ATOM	8372	H1	HOH A	2	0.998	30.406	3.009	H
ATOM	8373	H2	HOH A	3	1.789	29.932	4.299	H
ATOM	8374	O	HOH A	1	1.790	29.922	25.449	O
ATOM	8375	H1	HOH A	2	0.992	30.388	25.123	H
ATOM	8376	H2	HOH A	3	1.763	29.923	26.428	H
ATOM	8377	O	HOH A	1	1.767	29.963	47.589	O
ATOM	8378	H1	HOH A	2	0.973	30.434	47.260	H
ATOM	8379	H2	HOH A	3	1.740	29.973	48.569	H
ATOM	8380	O	HOH A	1	24.399	30.065	3.339	O
ATOM	8381	H1	HOH A	2	23.592	30.522	3.021	H
ATOM	8382	H2	HOH A	3	24.380	30.066	4.319	H
ATOM	8383	O	HOH A	1	24.400	29.957	25.487	O
ATOM	8384	H1	HOH A	2	23.602	30.428	25.168	H
ATOM	8385	H2	HOH A	3	24.382	29.959	26.466	H
ATOM	8386	O	HOH A	1	24.389	29.959	47.587	O
ATOM	8387	H1	HOH A	2	23.588	30.424	47.269	H
ATOM	8388	H2	HOH A	3	24.376	29.968	48.567	H
ATOM	8389	O	HOH A	1	46.970	30.128	3.278	O
ATOM	8390	H1	HOH A	2	46.171	30.598	2.959	H

ATOM	8391	H2	HOH A	3	46.950	30.130	4.258	H
ATOM	8392	O	HOH A	1	47.019	29.962	25.394	O
ATOM	8393	H1	HOH A	2	46.218	30.432	25.083	H
ATOM	8394	H2	HOH A	3	47.008	29.959	26.374	H
ATOM	8395	O	HOH A	1	47.022	29.982	47.537	O
ATOM	8396	H1	HOH A	2	46.227	30.451	47.208	H
ATOM	8397	H2	HOH A	3	47.002	30.001	48.516	H
ATOM	8398	O	HOH A	1	6.309	29.926	3.321	O
ATOM	8399	H1	HOH A	2	6.296	29.006	2.985	H
ATOM	8400	H2	HOH A	3	5.500	30.377	3.002	H
ATOM	8401	O	HOH A	1	6.295	29.906	25.448	O
ATOM	8402	H1	HOH A	2	6.283	28.987	25.107	H
ATOM	8403	H2	HOH A	3	5.493	30.362	25.118	H
ATOM	8404	O	HOH A	1	6.265	29.958	47.605	O
ATOM	8405	H1	HOH A	2	6.251	29.037	47.271	H
ATOM	8406	H2	HOH A	3	5.463	30.413	47.274	H
ATOM	8407	O	HOH A	1	28.894	30.119	3.326	O
ATOM	8408	H1	HOH A	2	28.879	29.202	2.981	H
ATOM	8409	H2	HOH A	3	28.088	30.576	3.006	H
ATOM	8410	O	HOH A	1	28.913	29.962	25.486	O
ATOM	8411	H1	HOH A	2	28.898	29.041	25.150	H
ATOM	8412	H2	HOH A	3	28.107	30.415	25.160	H
ATOM	8413	O	HOH A	1	28.898	29.970	47.573	O
ATOM	8414	H1	HOH A	2	28.884	29.050	47.235	H
ATOM	8415	H2	HOH A	3	28.094	30.425	47.246	H
ATOM	8416	O	HOH A	1	51.485	30.099	3.268	O
ATOM	8417	H1	HOH A	2	51.467	29.181	2.924	H
ATOM	8418	H2	HOH A	3	50.681	30.558	2.947	H
ATOM	8419	O	HOH A	1	51.511	29.950	25.378	O
ATOM	8420	H1	HOH A	2	51.498	29.029	25.043	H
ATOM	8421	H2	HOH A	3	50.703	30.401	25.055	H
ATOM	8422	O	HOH A	1	51.510	29.993	47.536	O
ATOM	8423	H1	HOH A	2	51.497	29.071	47.205	H
ATOM	8424	H2	HOH A	3	50.708	30.446	47.202	H
ATOM	8425	O	HOH A	1	10.822	29.935	3.299	O
ATOM	8426	H1	HOH A	2	10.025	30.407	2.980	H

ATOM	8427	H2	HOH A	3	11.610	30.407	2.958	H
ATOM	8428	O	HOH A	1	10.786	29.912	25.452	O
ATOM	8429	H1	HOH A	2	9.994	30.390	25.128	H
ATOM	8430	H2	HOH A	3	11.580	30.378	25.116	H
ATOM	8431	O	HOH A	1	10.772	29.927	47.581	O
ATOM	8432	H1	HOH A	2	9.979	30.404	47.257	H
ATOM	8433	H2	HOH A	3	11.565	30.394	47.244	H
ATOM	8434	O	HOH A	1	33.389	30.142	3.296	O
ATOM	8435	H1	HOH A	2	32.594	30.620	2.977	H
ATOM	8436	H2	HOH A	3	34.180	30.611	2.957	H
ATOM	8437	O	HOH A	1	33.417	29.963	25.435	O
ATOM	8438	H1	HOH A	2	32.621	30.442	25.123	H
ATOM	8439	H2	HOH A	3	34.207	30.436	25.099	H
ATOM	8440	O	HOH A	1	33.412	29.950	47.530	O
ATOM	8441	H1	HOH A	2	32.620	30.427	47.204	H
ATOM	8442	H2	HOH A	3	34.206	30.419	47.197	H
ATOM	8443	O	HOH A	1	55.986	30.035	3.245	O
ATOM	8444	H1	HOH A	2	55.195	30.518	2.926	H
ATOM	8445	H2	HOH A	3	56.781	30.499	2.907	H
ATOM	8446	O	HOH A	1	56.013	29.932	25.362	O
ATOM	8447	H1	HOH A	2	55.219	30.409	25.040	H
ATOM	8448	H2	HOH A	3	56.805	30.403	25.029	H
ATOM	8449	O	HOH A	1	56.014	29.985	47.518	O
ATOM	8450	H1	HOH A	2	55.217	30.460	47.202	H
ATOM	8451	H2	HOH A	3	56.803	30.460	47.184	H
ATOM	8452	O	HOH A	1	15.359	29.963	3.275	O
ATOM	8453	H1	HOH A	2	16.161	30.442	2.978	H
ATOM	8454	H2	HOH A	3	15.354	29.959	4.255	H
ATOM	8455	O	HOH A	1	15.317	29.912	25.448	O
ATOM	8456	H1	HOH A	2	16.125	30.380	25.148	H
ATOM	8457	H2	HOH A	3	15.310	29.920	26.428	H
ATOM	8458	O	HOH A	1	15.313	29.936	47.554	O
ATOM	8459	H1	HOH A	2	16.118	30.408	47.253	H
ATOM	8460	H2	HOH A	3	15.307	29.944	48.534	H
ATOM	8461	O	HOH A	1	37.917	30.149	3.252	O
ATOM	8462	H1	HOH A	2	38.716	30.627	2.943	H

ATOM	8463	H2	HOH A	3	37.925	30.148	4.232	H
ATOM	8464	O	HOH A	1	37.957	29.975	25.377	O
ATOM	8465	H1	HOH A	2	38.761	30.445	25.071	H
ATOM	8466	H2	HOH A	3	37.961	29.975	26.357	H
ATOM	8467	O	HOH A	1	37.965	29.959	47.478	O
ATOM	8468	H1	HOH A	2	38.769	30.426	47.169	H
ATOM	8469	H2	HOH A	3	37.958	29.983	48.457	H
ATOM	8470	O	HOH A	1	60.529	29.989	3.241	O
ATOM	8471	H1	HOH A	2	61.336	30.453	2.934	H
ATOM	8472	H2	HOH A	3	60.526	30.000	4.221	H
ATOM	8473	O	HOH A	1	60.539	29.920	25.352	O
ATOM	8474	H1	HOH A	2	61.347	30.385	25.049	H
ATOM	8475	H2	HOH A	3	60.530	29.938	26.332	H
ATOM	8476	O	HOH A	1	60.538	29.981	47.524	O
ATOM	8477	H1	HOH A	2	61.344	30.449	47.222	H
ATOM	8478	H2	HOH A	3	60.530	29.992	48.504	H
ATOM	8479	O	HOH A	1	19.909	30.035	3.284	O
ATOM	8480	H1	HOH A	2	19.107	30.496	2.959	H
ATOM	8481	H2	HOH A	3	19.887	30.044	4.264	H
ATOM	8482	O	HOH A	1	19.893	29.940	25.449	O
ATOM	8483	H1	HOH A	2	19.090	30.399	25.127	H
ATOM	8484	H2	HOH A	3	19.875	29.949	26.429	H
ATOM	8485	O	HOH A	1	19.885	29.964	47.544	O
ATOM	8486	H1	HOH A	2	19.090	30.437	47.221	H
ATOM	8487	H2	HOH A	3	19.867	29.976	48.524	H
ATOM	8488	O	HOH A	1	42.484	30.151	3.237	O
ATOM	8489	H1	HOH A	2	41.680	30.614	2.922	H
ATOM	8490	H2	HOH A	3	42.475	30.163	4.217	H
ATOM	8491	O	HOH A	1	42.535	29.980	25.362	O
ATOM	8492	H1	HOH A	2	41.735	30.449	25.045	H
ATOM	8493	H2	HOH A	3	42.520	29.981	26.341	H
ATOM	8494	O	HOH A	1	42.537	29.977	47.487	O
ATOM	8495	H1	HOH A	2	41.736	30.434	47.154	H
ATOM	8496	H2	HOH A	3	42.518	30.007	48.466	H
ATOM	8497	O	HOH A	1	65.090	29.968	3.264	O
ATOM	8498	H1	HOH A	2	64.294	30.440	2.940	H

ATOM	8499	H2	HOH A	3	65.068	29.974	4.244	H
ATOM	8500	O	HOH A	1	65.102	29.926	25.370	O
ATOM	8501	H1	HOH A	2	64.303	30.387	25.040	H
ATOM	8502	H2	HOH A	3	65.079	29.943	26.350	H
ATOM	8503	O	HOH A	1	65.088	29.989	47.539	O
ATOM	8504	H1	HOH A	2	64.287	30.451	47.213	H
ATOM	8505	H2	HOH A	3	65.070	30.007	48.519	H
ATOM	8506	O	HOH A	1	22.127	33.965	3.301	O
ATOM	8507	H1	HOH A	2	22.915	34.461	2.994	H
ATOM	8508	H2	HOH A	3	22.124	33.977	4.281	H
ATOM	8509	O	HOH A	1	22.110	33.869	25.457	O
ATOM	8510	H1	HOH A	2	22.902	34.353	25.144	H
ATOM	8511	H2	HOH A	3	22.119	33.873	26.436	H
ATOM	8512	O	HOH A	1	22.092	33.880	47.545	O
ATOM	8513	H1	HOH A	2	22.882	34.365	47.226	H
ATOM	8514	H2	HOH A	3	22.103	33.895	48.525	H
ATOM	8515	O	HOH A	1	44.694	34.065	3.238	O
ATOM	8516	H1	HOH A	2	45.490	34.541	2.921	H
ATOM	8517	H2	HOH A	3	44.701	34.083	4.218	H
ATOM	8518	O	HOH A	1	44.744	33.895	25.361	O
ATOM	8519	H1	HOH A	2	45.533	34.381	25.044	H
ATOM	8520	H2	HOH A	3	44.753	33.908	26.341	H
ATOM	8521	O	HOH A	1	44.728	33.909	47.490	O
ATOM	8522	H1	HOH A	2	45.513	34.400	47.170	H
ATOM	8523	H2	HOH A	3	44.733	33.934	48.470	H
ATOM	8524	O	HOH A	1	67.309	33.864	3.274	O
ATOM	8525	H1	HOH A	2	68.102	34.342	2.954	H
ATOM	8526	H2	HOH A	3	67.324	33.874	4.253	H
ATOM	8527	O	HOH A	1	67.313	33.845	25.389	O
ATOM	8528	H1	HOH A	2	68.106	34.327	25.074	H
ATOM	8529	H2	HOH A	3	67.318	33.862	26.369	H
ATOM	8530	O	HOH A	1	67.295	33.884	47.547	O
ATOM	8531	H1	HOH A	2	68.089	34.364	47.229	H
ATOM	8532	H2	HOH A	3	67.301	33.905	48.527	H
ATOM	8533	O	HOH A	1	4.001	33.859	3.331	O
ATOM	8534	H1	HOH A	2	4.002	32.940	2.994	H

ATOM	8535	H2	HOH A	3	4.812	34.302	3.007	H
ATOM	8536	O	HOH A	1	3.996	33.857	25.446	O
ATOM	8537	H1	HOH A	2	3.998	32.938	25.106	H
ATOM	8538	H2	HOH A	3	4.805	34.302	25.119	H
ATOM	8539	O	HOH A	1	3.972	33.893	47.579	O
ATOM	8540	H1	HOH A	2	3.974	32.972	47.243	H
ATOM	8541	H2	HOH A	3	4.787	34.333	47.261	H
ATOM	8542	O	HOH A	1	26.601	34.046	3.329	O
ATOM	8543	H1	HOH A	2	26.600	33.126	2.992	H
ATOM	8544	H2	HOH A	3	27.412	34.488	3.001	H
ATOM	8545	O	HOH A	1	26.605	33.895	25.495	O
ATOM	8546	H1	HOH A	2	26.610	32.976	25.156	H
ATOM	8547	H2	HOH A	3	27.417	34.341	25.175	H
ATOM	8548	O	HOH A	1	26.593	33.901	47.558	O
ATOM	8549	H1	HOH A	2	26.597	32.979	47.226	H
ATOM	8550	H2	HOH A	3	27.403	34.345	47.232	H
ATOM	8551	O	HOH A	1	49.189	34.052	3.260	O
ATOM	8552	H1	HOH A	2	49.190	33.130	2.928	H
ATOM	8553	H2	HOH A	3	50.003	34.491	2.936	H
ATOM	8554	O	HOH A	1	49.213	33.900	25.375	O
ATOM	8555	H1	HOH A	2	49.211	32.981	25.037	H
ATOM	8556	H2	HOH A	3	50.025	34.342	25.049	H
ATOM	8557	O	HOH A	1	49.210	33.927	47.529	O
ATOM	8558	H1	HOH A	2	49.219	33.005	47.197	H
ATOM	8559	H2	HOH A	3	50.021	34.373	47.206	H
ATOM	8560	O	HOH A	1	8.546	33.860	3.306	O
ATOM	8561	H1	HOH A	2	8.565	32.936	2.982	H
ATOM	8562	H2	HOH A	3	9.343	34.318	2.964	H
ATOM	8563	O	HOH A	1	8.506	33.848	25.446	O
ATOM	8564	H1	HOH A	2	8.514	32.925	25.116	H
ATOM	8565	H2	HOH A	3	9.312	34.295	25.113	H
ATOM	8566	O	HOH A	1	8.506	33.886	47.578	O
ATOM	8567	H1	HOH A	2	8.507	32.960	47.255	H
ATOM	8568	H2	HOH A	3	9.312	34.326	47.235	H
ATOM	8569	O	HOH A	1	31.112	34.068	3.306	O
ATOM	8570	H1	HOH A	2	31.111	33.145	2.977	H

ATOM	8571	H2	HOH A	3	31.913	34.513	2.959	H
ATOM	8572	O	HOH A	1	31.144	33.905	25.448	O
ATOM	8573	H1	HOH A	2	31.150	32.982	25.119	H
ATOM	8574	H2	HOH A	3	31.946	34.354	25.107	H
ATOM	8575	O	HOH A	1	31.146	33.895	47.530	O
ATOM	8576	H1	HOH A	2	31.155	32.969	47.209	H
ATOM	8577	H2	HOH A	3	31.949	34.341	47.189	H
ATOM	8578	O	HOH A	1	53.721	34.012	3.244	O
ATOM	8579	H1	HOH A	2	53.720	33.087	2.919	H
ATOM	8580	H2	HOH A	3	54.528	34.451	2.902	H
ATOM	8581	O	HOH A	1	53.747	33.887	25.365	O
ATOM	8582	H1	HOH A	2	53.751	32.963	25.039	H
ATOM	8583	H2	HOH A	3	54.551	34.332	25.024	H
ATOM	8584	O	HOH A	1	53.732	33.919	47.519	O
ATOM	8585	H1	HOH A	2	53.741	32.994	47.196	H
ATOM	8586	H2	HOH A	3	54.531	34.368	47.172	H
ATOM	8587	O	HOH A	1	13.036	33.868	3.310	O
ATOM	8588	H1	HOH A	2	13.842	34.331	2.997	H
ATOM	8589	H2	HOH A	3	13.039	33.882	4.289	H
ATOM	8590	O	HOH A	1	12.998	33.821	25.472	O
ATOM	8591	H1	HOH A	2	13.804	34.284	25.161	H
ATOM	8592	H2	HOH A	3	12.999	33.837	26.452	H
ATOM	8593	O	HOH A	1	12.987	33.851	47.567	O
ATOM	8594	H1	HOH A	2	13.795	34.310	47.258	H
ATOM	8595	H2	HOH A	3	12.987	33.864	48.547	H
ATOM	8596	O	HOH A	1	35.606	34.054	3.284	O
ATOM	8597	H1	HOH A	2	36.410	34.522	2.974	H
ATOM	8598	H2	HOH A	3	35.612	34.059	4.264	H
ATOM	8599	O	HOH A	1	35.634	33.890	25.406	O
ATOM	8600	H1	HOH A	2	36.443	34.352	25.103	H
ATOM	8601	H2	HOH A	3	35.633	33.892	26.386	H
ATOM	8602	O	HOH A	1	35.632	33.871	47.512	O
ATOM	8603	H1	HOH A	2	36.442	34.329	47.203	H
ATOM	8604	H2	HOH A	3	35.627	33.894	48.492	H
ATOM	8605	O	HOH A	1	58.210	33.920	3.247	O
ATOM	8606	H1	HOH A	2	59.025	34.374	2.946	H

ATOM	8607	H2	HOH A	3	58.207	33.921	4.227	H
ATOM	8608	O	HOH A	1	58.238	33.842	25.354	O
ATOM	8609	H1	HOH A	2	59.048	34.301	25.048	H
ATOM	8610	H2	HOH A	3	58.239	33.846	26.333	H
ATOM	8611	O	HOH A	1	58.214	33.899	47.525	O
ATOM	8612	H1	HOH A	2	59.021	34.357	47.209	H
ATOM	8613	H2	HOH A	3	58.217	33.923	48.505	H
ATOM	8614	O	HOH A	1	17.584	33.875	3.318	O
ATOM	8615	H1	HOH A	2	18.380	34.348	2.996	H
ATOM	8616	H2	HOH A	3	17.592	33.901	4.297	H
ATOM	8617	O	HOH A	1	17.554	33.806	25.481	O
ATOM	8618	H1	HOH A	2	18.353	34.276	25.162	H
ATOM	8619	H2	HOH A	3	17.552	33.842	26.460	H
ATOM	8620	O	HOH A	1	17.539	33.838	47.571	O
ATOM	8621	H1	HOH A	2	18.331	34.314	47.242	H
ATOM	8622	H2	HOH A	3	17.554	33.867	48.550	H
ATOM	8623	O	HOH A	1	40.161	34.041	3.269	O
ATOM	8624	H1	HOH A	2	40.958	34.509	2.943	H
ATOM	8625	H2	HOH A	3	40.177	34.059	4.248	H
ATOM	8626	O	HOH A	1	40.202	33.865	25.398	O
ATOM	8627	H1	HOH A	2	40.997	34.338	25.074	H
ATOM	8628	H2	HOH A	3	40.215	33.886	26.377	H
ATOM	8629	O	HOH A	1	40.183	33.851	47.507	O
ATOM	8630	H1	HOH A	2	40.981	34.317	47.181	H
ATOM	8631	H2	HOH A	3	40.187	33.892	48.486	H
ATOM	8632	O	HOH A	1	62.767	33.866	3.285	O
ATOM	8633	H1	HOH A	2	63.568	34.334	2.969	H
ATOM	8634	H2	HOH A	3	62.770	33.887	4.264	H
ATOM	8635	O	HOH A	1	62.782	33.797	25.374	O
ATOM	8636	H1	HOH A	2	63.574	34.276	25.051	H
ATOM	8637	H2	HOH A	3	62.788	33.829	26.353	H
ATOM	8638	O	HOH A	1	62.746	33.868	47.558	O
ATOM	8639	H1	HOH A	2	63.542	34.338	47.231	H
ATOM	8640	H2	HOH A	3	62.758	33.900	48.538	H
ATOM	8641	O	HOH A	1	1.722	37.785	3.285	O
ATOM	8642	H1	HOH A	2	1.751	36.868	2.940	H

ATOM	8643	H2	HOH A	3	2.525	38.252	2.972	H
ATOM	8644	O	HOH A	1	1.720	37.776	25.393	O
ATOM	8645	H1	HOH A	2	1.753	36.859	25.047	H
ATOM	8646	H2	HOH A	3	2.524	38.244	25.085	H
ATOM	8647	O	HOH A	1	1.689	37.819	47.544	O
ATOM	8648	H1	HOH A	2	1.721	36.899	47.208	H
ATOM	8649	H2	HOH A	3	2.493	38.284	47.231	H
ATOM	8650	O	HOH A	1	24.322	37.945	3.296	O
ATOM	8651	H1	HOH A	2	24.358	37.028	2.953	H
ATOM	8652	H2	HOH A	3	25.120	38.418	2.979	H
ATOM	8653	O	HOH A	1	24.320	37.816	25.448	O
ATOM	8654	H1	HOH A	2	24.354	36.897	25.112	H
ATOM	8655	H2	HOH A	3	25.117	38.286	25.125	H
ATOM	8656	O	HOH A	1	24.319	37.815	47.536	O
ATOM	8657	H1	HOH A	2	24.348	36.893	47.203	H
ATOM	8658	H2	HOH A	3	25.122	38.277	47.217	H
ATOM	8659	O	HOH A	1	46.928	37.983	3.243	O
ATOM	8660	H1	HOH A	2	46.954	37.063	2.904	H
ATOM	8661	H2	HOH A	3	47.733	38.444	2.929	H
ATOM	8662	O	HOH A	1	46.949	37.830	25.347	O
ATOM	8663	H1	HOH A	2	46.979	36.911	25.008	H
ATOM	8664	H2	HOH A	3	47.753	38.295	25.033	H
ATOM	8665	O	HOH A	1	46.934	37.843	47.483	O
ATOM	8666	H1	HOH A	2	46.967	36.923	47.146	H
ATOM	8667	H2	HOH A	3	47.739	38.308	47.175	H
ATOM	8668	O	HOH A	1	6.263	37.751	3.321	O
ATOM	8669	H1	HOH A	2	5.472	38.230	2.996	H
ATOM	8670	H2	HOH A	3	7.058	38.223	2.996	H
ATOM	8671	O	HOH A	1	6.259	37.754	25.445	O
ATOM	8672	H1	HOH A	2	5.473	38.235	25.112	H
ATOM	8673	H2	HOH A	3	7.059	38.223	25.126	H
ATOM	8674	O	HOH A	1	6.228	37.788	47.578	O
ATOM	8675	H1	HOH A	2	5.437	38.266	47.251	H
ATOM	8676	H2	HOH A	3	7.023	38.256	47.248	H
ATOM	8677	O	HOH A	1	28.858	37.965	3.309	O
ATOM	8678	H1	HOH A	2	28.064	38.442	2.990	H

ATOM	8679	H2	HOH A	3	29.649	38.441	2.981	H
ATOM	8680	O	HOH A	1	28.860	37.812	25.454	O
ATOM	8681	H1	HOH A	2	28.067	38.286	25.125	H
ATOM	8682	H2	HOH A	3	29.653	38.287	25.131	H
ATOM	8683	O	HOH A	1	28.873	37.800	47.542	O
ATOM	8684	H1	HOH A	2	28.084	38.278	47.211	H
ATOM	8685	H2	HOH A	3	29.669	38.266	47.213	H
ATOM	8686	O	HOH A	1	51.449	37.918	3.265	O
ATOM	8687	H1	HOH A	2	50.666	38.406	2.934	H
ATOM	8688	H2	HOH A	3	52.251	38.385	2.950	H
ATOM	8689	O	HOH A	1	51.492	37.782	25.369	O
ATOM	8690	H1	HOH A	2	50.706	38.268	25.044	H
ATOM	8691	H2	HOH A	3	52.291	38.248	25.044	H
ATOM	8692	O	HOH A	1	51.468	37.820	47.514	O
ATOM	8693	H1	HOH A	2	50.679	38.297	47.180	H
ATOM	8694	H2	HOH A	3	52.265	38.284	47.184	H
ATOM	8695	O	HOH A	1	10.811	37.808	3.306	O
ATOM	8696	H1	HOH A	2	10.816	36.882	2.987	H
ATOM	8697	H2	HOH A	3	10.796	37.791	4.286	H
ATOM	8698	O	HOH A	1	10.778	37.790	25.440	O
ATOM	8699	H1	HOH A	2	10.774	36.859	25.133	H
ATOM	8700	H2	HOH A	3	10.762	37.785	26.420	H
ATOM	8701	O	HOH A	1	10.777	37.826	47.562	O
ATOM	8702	H1	HOH A	2	10.777	36.898	47.248	H
ATOM	8703	H2	HOH A	3	10.761	37.813	48.542	H
ATOM	8704	O	HOH A	1	33.394	38.018	3.285	O
ATOM	8705	H1	HOH A	2	33.392	37.089	2.973	H
ATOM	8706	H2	HOH A	3	33.372	38.008	4.265	H
ATOM	8707	O	HOH A	1	33.414	37.848	25.422	O
ATOM	8708	H1	HOH A	2	33.410	36.922	25.102	H
ATOM	8709	H2	HOH A	3	33.395	37.831	26.401	H
ATOM	8710	O	HOH A	1	33.421	37.844	47.519	O
ATOM	8711	H1	HOH A	2	33.421	36.912	47.214	H
ATOM	8712	H2	HOH A	3	33.404	37.842	48.498	H
ATOM	8713	O	HOH A	1	55.997	37.931	3.237	O
ATOM	8714	H1	HOH A	2	55.997	37.003	2.922	H

ATOM	8715	H2	HOH A	3	55.980	37.917	4.217	H
ATOM	8716	O	HOH A	1	56.032	37.816	25.365	O
ATOM	8717	H1	HOH A	2	56.027	36.887	25.052	H
ATOM	8718	H2	HOH A	3	56.023	37.806	26.345	H
ATOM	8719	O	HOH A	1	56.008	37.857	47.515	O
ATOM	8720	H1	HOH A	2	56.007	36.927	47.207	H
ATOM	8721	H2	HOH A	3	55.987	37.852	48.494	H
ATOM	8722	O	HOH A	1	15.312	37.777	3.344	O
ATOM	8723	H1	HOH A	2	15.300	36.861	2.996	H
ATOM	8724	H2	HOH A	3	14.513	38.237	3.013	H
ATOM	8725	O	HOH A	1	15.285	37.735	25.504	O
ATOM	8726	H1	HOH A	2	15.273	36.811	25.176	H
ATOM	8727	H2	HOH A	3	14.495	38.193	25.148	H
ATOM	8728	O	HOH A	1	15.286	37.751	47.599	O
ATOM	8729	H1	HOH A	2	15.265	36.830	47.266	H
ATOM	8730	H2	HOH A	3	14.494	38.216	47.256	H
ATOM	8731	O	HOH A	1	37.889	37.972	3.303	O
ATOM	8732	H1	HOH A	2	37.869	37.053	2.964	H
ATOM	8733	H2	HOH A	3	37.091	38.434	2.972	H
ATOM	8734	O	HOH A	1	37.926	37.797	25.433	O
ATOM	8735	H1	HOH A	2	37.920	36.878	25.093	H
ATOM	8736	H2	HOH A	3	37.126	38.251	25.093	H
ATOM	8737	O	HOH A	1	37.921	37.774	47.544	O
ATOM	8738	H1	HOH A	2	37.912	36.852	47.211	H
ATOM	8739	H2	HOH A	3	37.126	38.229	47.195	H
ATOM	8740	O	HOH A	1	60.506	37.811	3.304	O
ATOM	8741	H1	HOH A	2	60.495	36.893	2.963	H
ATOM	8742	H2	HOH A	3	59.710	38.270	2.963	H
ATOM	8743	O	HOH A	1	60.528	37.738	25.402	O
ATOM	8744	H1	HOH A	2	60.517	36.822	25.054	H
ATOM	8745	H2	HOH A	3	59.732	38.200	25.066	H
ATOM	8746	O	HOH A	1	60.481	37.799	47.564	O
ATOM	8747	H1	HOH A	2	60.466	36.880	47.226	H
ATOM	8748	H2	HOH A	3	59.686	38.260	47.222	H
ATOM	8749	O	HOH A	1	19.817	37.837	3.305	O
ATOM	8750	H1	HOH A	2	19.810	36.917	2.970	H

ATOM	8751	H2	HOH A	3	19.007	38.284	2.981	H
ATOM	8752	O	HOH A	1	19.790	37.768	25.470	O
ATOM	8753	H1	HOH A	2	19.783	36.845	25.142	H
ATOM	8754	H2	HOH A	3	18.986	38.215	25.133	H
ATOM	8755	O	HOH A	1	19.795	37.781	47.577	O
ATOM	8756	H1	HOH A	2	19.787	36.859	47.244	H
ATOM	8757	H2	HOH A	3	18.990	38.230	47.244	H
ATOM	8758	O	HOH A	1	42.391	37.984	3.258	O
ATOM	8759	H1	HOH A	2	42.378	37.062	2.924	H
ATOM	8760	H2	HOH A	3	41.590	38.438	2.923	H
ATOM	8761	O	HOH A	1	42.437	37.803	25.381	O
ATOM	8762	H1	HOH A	2	42.435	36.885	25.040	H
ATOM	8763	H2	HOH A	3	41.629	38.251	25.052	H
ATOM	8764	O	HOH A	1	42.431	37.800	47.504	O
ATOM	8765	H1	HOH A	2	42.427	36.878	47.172	H
ATOM	8766	H2	HOH A	3	41.624	38.245	47.173	H
ATOM	8767	O	HOH A	1	65.008	37.785	3.298	O
ATOM	8768	H1	HOH A	2	64.993	36.866	2.961	H
ATOM	8769	H2	HOH A	3	64.206	38.242	2.968	H
ATOM	8770	O	HOH A	1	65.020	37.757	25.388	O
ATOM	8771	H1	HOH A	2	65.003	36.835	25.055	H
ATOM	8772	H2	HOH A	3	64.217	38.213	25.059	H
ATOM	8773	O	HOH A	1	64.978	37.795	47.548	O
ATOM	8774	H1	HOH A	2	64.974	36.875	47.211	H
ATOM	8775	H2	HOH A	3	64.173	38.244	47.214	H
ATOM	8776	O	HOH A	1	22.062	41.794	3.298	O
ATOM	8777	H1	HOH A	2	22.052	40.865	2.987	H
ATOM	8778	H2	HOH A	3	22.060	41.786	4.278	H
ATOM	8779	O	HOH A	1	22.065	41.692	25.456	O
ATOM	8780	H1	HOH A	2	22.047	40.761	25.150	H
ATOM	8781	H2	HOH A	3	22.066	41.688	26.436	H
ATOM	8782	O	HOH A	1	22.059	41.709	47.555	O
ATOM	8783	H1	HOH A	2	22.051	40.776	47.256	H
ATOM	8784	H2	HOH A	3	22.069	41.713	48.535	H
ATOM	8785	O	HOH A	1	44.651	41.902	3.244	O
ATOM	8786	H1	HOH A	2	44.652	40.971	2.939	H

ATOM	8787	H2	HOH A	3	44.652	41.899	4.224	H
ATOM	8788	O	HOH A	1	44.692	41.728	25.373	O
ATOM	8789	H1	HOH A	2	44.684	40.799	25.063	H
ATOM	8790	H2	HOH A	3	44.691	41.721	26.353	H
ATOM	8791	O	HOH A	1	44.675	41.742	47.492	O
ATOM	8792	H1	HOH A	2	44.674	40.807	47.199	H
ATOM	8793	H2	HOH A	3	44.671	41.752	48.472	H
ATOM	8794	O	HOH A	1	67.249	41.710	3.293	O
ATOM	8795	H1	HOH A	2	67.247	40.781	2.983	H
ATOM	8796	H2	HOH A	3	67.251	41.703	4.273	H
ATOM	8797	O	HOH A	1	67.263	41.677	25.391	O
ATOM	8798	H1	HOH A	2	67.249	40.746	25.083	H
ATOM	8799	H2	HOH A	3	67.259	41.672	26.371	H
ATOM	8800	O	HOH A	1	67.239	41.724	47.548	O
ATOM	8801	H1	HOH A	2	67.228	40.791	47.249	H
ATOM	8802	H2	HOH A	3	67.234	41.728	48.528	H
ATOM	8803	O	HOH A	1	3.993	41.674	3.333	O
ATOM	8804	H1	HOH A	2	4.793	42.146	3.020	H
ATOM	8805	H2	HOH A	3	4.002	41.679	4.313	H
ATOM	8806	O	HOH A	1	3.991	41.661	25.439	O
ATOM	8807	H1	HOH A	2	4.792	42.133	25.127	H
ATOM	8808	H2	HOH A	3	3.996	41.671	26.419	H
ATOM	8809	O	HOH A	1	3.960	41.699	47.598	O
ATOM	8810	H1	HOH A	2	4.759	42.172	47.283	H
ATOM	8811	H2	HOH A	3	3.966	41.714	48.578	H
ATOM	8812	O	HOH A	1	26.599	41.844	3.317	O
ATOM	8813	H1	HOH A	2	27.391	42.330	3.005	H
ATOM	8814	H2	HOH A	3	26.608	41.848	4.297	H
ATOM	8815	O	HOH A	1	26.589	41.708	25.473	O
ATOM	8816	H1	HOH A	2	27.388	42.189	25.172	H
ATOM	8817	H2	HOH A	3	26.586	41.709	26.453	H
ATOM	8818	O	HOH A	1	26.597	41.705	47.553	O
ATOM	8819	H1	HOH A	2	27.393	42.179	47.235	H
ATOM	8820	H2	HOH A	3	26.609	41.713	48.533	H
ATOM	8821	O	HOH A	1	49.178	41.862	3.253	O
ATOM	8822	H1	HOH A	2	49.977	42.338	2.947	H

ATOM	8823	H2	HOH A	3	49.181	41.864	4.233	H
ATOM	8824	O	HOH A	1	49.230	41.702	25.369	O
ATOM	8825	H1	HOH A	2	50.028	42.177	25.056	H
ATOM	8826	H2	HOH A	3	49.241	41.705	26.349	H
ATOM	8827	O	HOH A	1	49.209	41.733	47.530	O
ATOM	8828	H1	HOH A	2	50.005	42.206	47.211	H
ATOM	8829	H2	HOH A	3	49.218	41.752	48.510	H
ATOM	8830	O	HOH A	1	8.509	41.682	3.313	O
ATOM	8831	H1	HOH A	2	7.715	42.157	2.990	H
ATOM	8832	H2	HOH A	3	9.301	42.161	2.991	H
ATOM	8833	O	HOH A	1	8.489	41.678	25.450	O
ATOM	8834	H1	HOH A	2	7.706	42.161	25.111	H
ATOM	8835	H2	HOH A	3	9.291	42.146	25.138	H
ATOM	8836	O	HOH A	1	8.467	41.700	47.568	O
ATOM	8837	H1	HOH A	2	7.679	42.183	47.243	H
ATOM	8838	H2	HOH A	3	9.264	42.171	47.247	H
ATOM	8839	O	HOH A	1	31.104	41.897	3.292	O
ATOM	8840	H1	HOH A	2	30.308	42.370	2.971	H
ATOM	8841	H2	HOH A	3	31.894	42.381	2.972	H
ATOM	8842	O	HOH A	1	31.107	41.737	25.426	O
ATOM	8843	H1	HOH A	2	30.313	42.213	25.106	H
ATOM	8844	H2	HOH A	3	31.898	42.214	25.101	H
ATOM	8845	O	HOH A	1	31.097	41.721	47.527	O
ATOM	8846	H1	HOH A	2	30.310	42.203	47.201	H
ATOM	8847	H2	HOH A	3	31.895	42.186	47.200	H
ATOM	8848	O	HOH A	1	53.683	41.830	3.256	O
ATOM	8849	H1	HOH A	2	52.896	42.312	2.929	H
ATOM	8850	H2	HOH A	3	54.481	42.298	2.933	H
ATOM	8851	O	HOH A	1	53.739	41.697	25.364	O
ATOM	8852	H1	HOH A	2	52.947	42.174	25.041	H
ATOM	8853	H2	HOH A	3	54.532	42.175	25.043	H
ATOM	8854	O	HOH A	1	53.686	41.734	47.505	O
ATOM	8855	H1	HOH A	2	52.895	42.209	47.175	H
ATOM	8856	H2	HOH A	3	54.481	42.209	47.184	H
ATOM	8857	O	HOH A	1	13.044	41.720	3.323	O
ATOM	8858	H1	HOH A	2	13.049	40.791	3.011	H

ATOM	8859	H2	HOH A	3	13.046	41.710	4.303	H
ATOM	8860	O	HOH A	1	13.028	41.691	25.472	O
ATOM	8861	H1	HOH A	2	13.027	40.760	25.165	H
ATOM	8862	H2	HOH A	3	13.026	41.686	26.452	H
ATOM	8863	O	HOH A	1	13.022	41.718	47.597	O
ATOM	8864	H1	HOH A	2	13.031	40.786	47.293	H
ATOM	8865	H2	HOH A	3	13.021	41.717	48.577	H
ATOM	8866	O	HOH A	1	35.619	41.939	3.290	O
ATOM	8867	H1	HOH A	2	35.623	41.012	2.972	H
ATOM	8868	H2	HOH A	3	35.614	41.923	4.270	H
ATOM	8869	O	HOH A	1	35.642	41.741	25.433	O
ATOM	8870	H1	HOH A	2	35.647	40.813	25.116	H
ATOM	8871	H2	HOH A	3	35.648	41.725	26.413	H
ATOM	8872	O	HOH A	1	35.653	41.736	47.525	O
ATOM	8873	H1	HOH A	2	35.661	40.803	47.224	H
ATOM	8874	H2	HOH A	3	35.655	41.738	48.505	H
ATOM	8875	O	HOH A	1	58.224	41.789	3.277	O
ATOM	8876	H1	HOH A	2	58.235	40.862	2.960	H
ATOM	8877	H2	HOH A	3	58.221	41.774	4.257	H
ATOM	8878	O	HOH A	1	58.263	41.706	25.379	O
ATOM	8879	H1	HOH A	2	58.271	40.775	25.072	H
ATOM	8880	H2	HOH A	3	58.260	41.702	26.359	H
ATOM	8881	O	HOH A	1	58.218	41.761	47.531	O
ATOM	8882	H1	HOH A	2	58.226	40.830	47.224	H
ATOM	8883	H2	HOH A	3	58.208	41.756	48.511	H
ATOM	8884	O	HOH A	1	17.535	41.745	3.334	O
ATOM	8885	H1	HOH A	2	17.547	40.824	3.001	H
ATOM	8886	H2	HOH A	3	18.334	42.200	2.994	H
ATOM	8887	O	HOH A	1	17.536	41.694	25.473	O
ATOM	8888	H1	HOH A	2	17.536	40.775	25.133	H
ATOM	8889	H2	HOH A	3	18.339	42.142	25.137	H
ATOM	8890	O	HOH A	1	17.525	41.707	47.582	O
ATOM	8891	H1	HOH A	2	17.530	40.784	47.254	H
ATOM	8892	H2	HOH A	3	18.333	42.151	47.250	H
ATOM	8893	O	HOH A	1	40.120	41.918	3.287	O
ATOM	8894	H1	HOH A	2	40.126	40.998	2.949	H

ATOM	8895	H2	HOH A	3	40.919	42.371	2.945	H
ATOM	8896	O	HOH A	1	40.154	41.738	25.411	O
ATOM	8897	H1	HOH A	2	40.163	40.817	25.077	H
ATOM	8898	H2	HOH A	3	40.954	42.191	25.072	H
ATOM	8899	O	HOH A	1	40.164	41.725	47.516	O
ATOM	8900	H1	HOH A	2	40.171	40.802	47.186	H
ATOM	8901	H2	HOH A	3	40.962	42.177	47.170	H
ATOM	8902	O	HOH A	1	62.723	41.739	3.291	O
ATOM	8903	H1	HOH A	2	62.733	40.820	2.950	H
ATOM	8904	H2	HOH A	3	63.530	42.191	2.968	H
ATOM	8905	O	HOH A	1	62.753	41.692	25.393	O
ATOM	8906	H1	HOH A	2	62.757	40.769	25.063	H
ATOM	8907	H2	HOH A	3	63.559	42.137	25.057	H
ATOM	8908	O	HOH A	1	62.727	41.731	47.552	O
ATOM	8909	H1	HOH A	2	62.727	40.812	47.210	H
ATOM	8910	H2	HOH A	3	63.530	42.180	47.216	H
ATOM	8911	O	HOH A	1	22.077	47.015	2.371	O
ATOM	8912	H1	HOH A	2	22.868	46.542	2.703	H
ATOM	8913	H2	HOH A	3	21.282	46.548	2.705	H
ATOM	8914	O	HOH A	1	22.081	46.908	24.535	O
ATOM	8915	H1	HOH A	2	22.866	46.425	24.866	H
ATOM	8916	H2	HOH A	3	21.281	46.451	24.869	H
ATOM	8917	O	HOH A	1	22.071	46.916	46.639	O
ATOM	8918	H1	HOH A	2	22.862	46.442	46.971	H
ATOM	8919	H2	HOH A	3	21.276	46.449	46.972	H
ATOM	8920	O	HOH A	1	44.676	47.106	2.328	O
ATOM	8921	H1	HOH A	2	45.462	46.629	2.667	H
ATOM	8922	H2	HOH A	3	43.877	46.654	2.671	H
ATOM	8923	O	HOH A	1	44.704	46.941	24.457	O
ATOM	8924	H1	HOH A	2	45.489	46.454	24.783	H
ATOM	8925	H2	HOH A	3	43.904	46.486	24.794	H
ATOM	8926	O	HOH A	1	44.709	46.947	46.570	O
ATOM	8927	H1	HOH A	2	45.496	46.470	46.908	H
ATOM	8928	H2	HOH A	3	43.910	46.485	46.900	H
ATOM	8929	O	HOH A	1	67.282	46.913	2.358	O
ATOM	8930	H1	HOH A	2	68.064	46.429	2.696	H

ATOM	8931	H2	HOH A	3	66.478	46.458	2.687	H
ATOM	8932	O	HOH A	1	67.295	46.884	24.474	O
ATOM	8933	H1	HOH A	2	68.082	46.406	24.810	H
ATOM	8934	H2	HOH A	3	66.496	46.425	24.808	H
ATOM	8935	O	HOH A	1	67.268	46.934	46.625	O
ATOM	8936	H1	HOH A	2	68.050	46.451	46.966	H
ATOM	8937	H2	HOH A	3	66.464	46.480	46.955	H
ATOM	8938	O	HOH A	1	4.025	46.889	2.392	O
ATOM	8939	H1	HOH A	2	3.220	46.433	2.717	H
ATOM	8940	H2	HOH A	3	4.001	47.813	2.716	H
ATOM	8941	O	HOH A	1	4.016	46.891	24.495	O
ATOM	8942	H1	HOH A	2	3.216	46.429	24.821	H
ATOM	8943	H2	HOH A	3	3.983	47.817	24.817	H
ATOM	8944	O	HOH A	1	3.990	46.920	46.653	O
ATOM	8945	H1	HOH A	2	3.187	46.460	46.976	H
ATOM	8946	H2	HOH A	3	3.958	47.846	46.972	H
ATOM	8947	O	HOH A	1	26.625	47.046	2.378	O
ATOM	8948	H1	HOH A	2	25.823	46.593	2.712	H
ATOM	8949	H2	HOH A	3	26.604	47.972	2.697	H
ATOM	8950	O	HOH A	1	26.614	46.936	24.549	O
ATOM	8951	H1	HOH A	2	25.816	46.472	24.877	H
ATOM	8952	H2	HOH A	3	26.582	47.860	24.874	H
ATOM	8953	O	HOH A	1	26.612	46.917	46.628	O
ATOM	8954	H1	HOH A	2	25.806	46.459	46.947	H
ATOM	8955	H2	HOH A	3	26.581	47.843	46.947	H
ATOM	8956	O	HOH A	1	49.206	47.084	2.336	O
ATOM	8957	H1	HOH A	2	48.403	46.630	2.668	H
ATOM	8958	H2	HOH A	3	49.187	48.009	2.659	H
ATOM	8959	O	HOH A	1	49.237	46.929	24.450	O
ATOM	8960	H1	HOH A	2	48.433	46.474	24.777	H
ATOM	8961	H2	HOH A	3	49.214	47.853	24.773	H
ATOM	8962	O	HOH A	1	49.237	46.946	46.587	O
ATOM	8963	H1	HOH A	2	48.433	46.492	46.916	H
ATOM	8964	H2	HOH A	3	49.215	47.872	46.909	H
ATOM	8965	O	HOH A	1	8.512	46.914	2.427	O
ATOM	8966	H1	HOH A	2	9.310	46.446	2.748	H

ATOM	8967	H2	HOH A	3	7.725	46.437	2.764	H
ATOM	8968	O	HOH A	1	8.498	46.897	24.547	O
ATOM	8969	H1	HOH A	2	9.294	46.426	24.872	H
ATOM	8970	H2	HOH A	3	7.708	46.425	24.886	H
ATOM	8971	O	HOH A	1	8.472	46.937	46.694	O
ATOM	8972	H1	HOH A	2	9.267	46.465	47.018	H
ATOM	8973	H2	HOH A	3	7.681	46.462	47.024	H
ATOM	8974	O	HOH A	1	31.099	47.123	2.405	O
ATOM	8975	H1	HOH A	2	31.900	46.657	2.725	H
ATOM	8976	H2	HOH A	3	30.314	46.640	2.738	H
ATOM	8977	O	HOH A	1	31.118	46.956	24.563	O
ATOM	8978	H1	HOH A	2	31.914	46.485	24.889	H
ATOM	8979	H2	HOH A	3	30.328	46.477	24.891	H
ATOM	8980	O	HOH A	1	31.117	46.943	46.646	O
ATOM	8981	H1	HOH A	2	31.911	46.466	46.966	H
ATOM	8982	H2	HOH A	3	30.326	46.472	46.982	H
ATOM	8983	O	HOH A	1	53.699	47.052	2.361	O
ATOM	8984	H1	HOH A	2	54.490	46.576	2.692	H
ATOM	8985	H2	HOH A	3	52.904	46.585	2.693	H
ATOM	8986	O	HOH A	1	53.725	46.926	24.483	O
ATOM	8987	H1	HOH A	2	54.521	46.458	24.811	H
ATOM	8988	H2	HOH A	3	52.935	46.452	24.817	H
ATOM	8989	O	HOH A	1	53.713	46.976	46.619	O
ATOM	8990	H1	HOH A	2	54.504	46.502	46.951	H
ATOM	8991	H2	HOH A	3	52.918	46.505	46.944	H
ATOM	8992	O	HOH A	1	13.029	46.930	2.385	O
ATOM	8993	H1	HOH A	2	13.835	46.472	2.702	H
ATOM	8994	H2	HOH A	3	13.044	46.927	1.405	H
ATOM	8995	O	HOH A	1	13.014	46.900	24.535	O
ATOM	8996	H1	HOH A	2	13.816	46.440	24.860	H
ATOM	8997	H2	HOH A	3	13.037	46.892	23.555	H
ATOM	8998	O	HOH A	1	12.998	46.919	46.657	O
ATOM	8999	H1	HOH A	2	13.797	46.452	46.979	H
ATOM	9000	H2	HOH A	3	13.012	46.905	45.678	H
ATOM	9001	O	HOH A	1	35.625	47.149	2.363	O
ATOM	9002	H1	HOH A	2	36.427	46.687	2.686	H

ATOM	9003	H2	HOH A	3	35.639	47.132	1.384	H
ATOM	9004	O	HOH A	1	35.636	46.950	24.505	O
ATOM	9005	H1	HOH A	2	36.441	46.483	24.815	H
ATOM	9006	H2	HOH A	3	35.641	46.942	23.525	H
ATOM	9007	O	HOH A	1	35.639	46.930	46.595	O
ATOM	9008	H1	HOH A	2	36.442	46.466	46.912	H
ATOM	9009	H2	HOH A	3	35.646	46.913	45.616	H
ATOM	9010	O	HOH A	1	58.226	46.990	2.345	O
ATOM	9011	H1	HOH A	2	59.025	46.519	2.662	H
ATOM	9012	H2	HOH A	3	58.240	46.982	1.365	H
ATOM	9013	O	HOH A	1	58.241	46.921	24.447	O
ATOM	9014	H1	HOH A	2	59.044	46.457	24.764	H
ATOM	9015	H2	HOH A	3	58.256	46.915	23.467	H
ATOM	9016	O	HOH A	1	58.224	46.961	46.602	O
ATOM	9017	H1	HOH A	2	59.023	46.492	46.923	H
ATOM	9018	H2	HOH A	3	58.235	46.943	45.623	H
ATOM	9019	O	HOH A	1	17.552	46.966	2.385	O
ATOM	9020	H1	HOH A	2	17.533	47.892	2.704	H
ATOM	9021	H2	HOH A	3	17.553	46.982	1.405	H
ATOM	9022	O	HOH A	1	17.534	46.908	24.541	O
ATOM	9023	H1	HOH A	2	17.526	47.834	24.863	H
ATOM	9024	H2	HOH A	3	17.533	46.928	23.562	H
ATOM	9025	O	HOH A	1	17.537	46.921	46.664	O
ATOM	9026	H1	HOH A	2	17.517	47.851	46.973	H
ATOM	9027	H2	HOH A	3	17.534	46.927	45.684	H
ATOM	9028	O	HOH A	1	40.151	47.129	2.351	O
ATOM	9029	H1	HOH A	2	40.137	48.056	2.668	H
ATOM	9030	H2	HOH A	3	40.155	47.143	1.371	H
ATOM	9031	O	HOH A	1	40.174	46.947	24.489	O
ATOM	9032	H1	HOH A	2	40.163	47.872	24.813	H
ATOM	9033	H2	HOH A	3	40.180	46.970	23.509	H
ATOM	9034	O	HOH A	1	40.177	46.940	46.588	O
ATOM	9035	H1	HOH A	2	40.165	47.869	46.900	H
ATOM	9036	H2	HOH A	3	40.185	46.951	45.608	H
ATOM	9037	O	HOH A	1	62.754	46.959	2.373	O
ATOM	9038	H1	HOH A	2	62.744	47.885	2.694	H

ATOM	9039	H2	HOH A	3	62.758	46.978	1.393	H
ATOM	9040	O	HOH A	1	62.766	46.904	24.461	O
ATOM	9041	H1	HOH A	2	62.745	47.832	24.776	H
ATOM	9042	H2	HOH A	3	62.769	46.918	23.481	H
ATOM	9043	O	HOH A	1	62.740	46.954	46.633	O
ATOM	9044	H1	HOH A	2	62.737	47.882	46.948	H
ATOM	9045	H2	HOH A	3	62.743	46.966	45.653	H
ATOM	9046	O	HOH A	1	1.734	27.335	2.375	O
ATOM	9047	H1	HOH A	2	0.922	26.891	2.698	H
ATOM	9048	H2	HOH A	3	1.731	28.254	2.715	H
ATOM	9049	O	HOH A	1	1.720	27.317	24.496	O
ATOM	9050	H1	HOH A	2	0.904	26.871	24.805	H
ATOM	9051	H2	HOH A	3	1.714	28.234	24.842	H
ATOM	9052	O	HOH A	1	1.700	27.350	46.656	O
ATOM	9053	H1	HOH A	2	0.884	26.909	46.972	H
ATOM	9054	H2	HOH A	3	1.698	28.269	46.996	H
ATOM	9055	O	HOH A	1	24.332	27.457	2.385	O
ATOM	9056	H1	HOH A	2	23.523	27.008	2.709	H
ATOM	9057	H2	HOH A	3	24.324	28.376	2.725	H
ATOM	9058	O	HOH A	1	24.314	27.345	24.544	O
ATOM	9059	H1	HOH A	2	23.506	26.899	24.872	H
ATOM	9060	H2	HOH A	3	24.314	28.263	24.887	H
ATOM	9061	O	HOH A	1	24.316	27.356	46.642	O
ATOM	9062	H1	HOH A	2	23.503	26.910	46.961	H
ATOM	9063	H2	HOH A	3	24.312	28.274	46.986	H
ATOM	9064	O	HOH A	1	46.915	27.527	2.336	O
ATOM	9065	H1	HOH A	2	46.100	27.082	2.649	H
ATOM	9066	H2	HOH A	3	46.906	28.447	2.674	H
ATOM	9067	O	HOH A	1	46.944	27.366	24.452	O
ATOM	9068	H1	HOH A	2	46.132	26.922	24.774	H
ATOM	9069	H2	HOH A	3	46.940	28.286	24.787	H
ATOM	9070	O	HOH A	1	46.942	27.373	46.591	O
ATOM	9071	H1	HOH A	2	46.127	26.927	46.903	H
ATOM	9072	H2	HOH A	3	46.936	28.290	46.935	H
ATOM	9073	O	HOH A	1	6.273	27.312	2.420	O
ATOM	9074	H1	HOH A	2	7.077	26.837	2.721	H

ATOM	9075	H2	HOH A	3	6.274	27.318	1.440	H
ATOM	9076	O	HOH A	1	6.256	27.300	24.525	O
ATOM	9077	H1	HOH A	2	7.056	26.825	24.830	H
ATOM	9078	H2	HOH A	3	6.254	27.294	23.545	H
ATOM	9079	O	HOH A	1	6.236	27.348	46.691	O
ATOM	9080	H1	HOH A	2	7.039	26.876	46.997	H
ATOM	9081	H2	HOH A	3	6.238	27.342	45.711	H
ATOM	9082	O	HOH A	1	28.854	27.506	2.403	O
ATOM	9083	H1	HOH A	2	29.661	27.036	2.702	H
ATOM	9084	H2	HOH A	3	28.846	27.499	1.423	H
ATOM	9085	O	HOH A	1	28.865	27.351	24.582	O
ATOM	9086	H1	HOH A	2	29.669	26.878	24.881	H
ATOM	9087	H2	HOH A	3	28.859	27.351	23.602	H
ATOM	9088	O	HOH A	1	28.855	27.353	46.670	O
ATOM	9089	H1	HOH A	2	29.657	26.879	46.973	H
ATOM	9090	H2	HOH A	3	28.848	27.341	45.690	H
ATOM	9091	O	HOH A	1	51.450	27.477	2.368	O
ATOM	9092	H1	HOH A	2	52.244	26.992	2.674	H
ATOM	9093	H2	HOH A	3	51.452	27.474	1.388	H
ATOM	9094	O	HOH A	1	51.483	27.341	24.484	O
ATOM	9095	H1	HOH A	2	52.286	26.863	24.778	H
ATOM	9096	H2	HOH A	3	51.477	27.349	23.504	H
ATOM	9097	O	HOH A	1	51.478	27.379	46.623	O
ATOM	9098	H1	HOH A	2	52.280	26.907	46.930	H
ATOM	9099	H2	HOH A	3	51.480	27.374	45.643	H
ATOM	9100	O	HOH A	1	10.768	27.337	2.377	O
ATOM	9101	H1	HOH A	2	11.573	26.889	2.709	H
ATOM	9102	H2	HOH A	3	10.785	28.265	2.692	H
ATOM	9103	O	HOH A	1	10.738	27.312	24.522	O
ATOM	9104	H1	HOH A	2	11.542	26.861	24.855	H
ATOM	9105	H2	HOH A	3	10.754	28.237	24.844	H
ATOM	9106	O	HOH A	1	10.726	27.331	46.648	O
ATOM	9107	H1	HOH A	2	11.534	26.882	46.974	H
ATOM	9108	H2	HOH A	3	10.745	28.258	46.968	H
ATOM	9109	O	HOH A	1	33.334	27.542	2.355	O
ATOM	9110	H1	HOH A	2	34.137	27.090	2.689	H

ATOM	9111	H2	HOH A	3	33.352	28.468	2.677	H
ATOM	9112	O	HOH A	1	33.369	27.362	24.514	O
ATOM	9113	H1	HOH A	2	34.177	26.913	24.841	H
ATOM	9114	H2	HOH A	3	33.388	28.289	24.832	H
ATOM	9115	O	HOH A	1	33.363	27.346	46.604	O
ATOM	9116	H1	HOH A	2	34.172	26.896	46.924	H
ATOM	9117	H2	HOH A	3	33.387	28.273	46.920	H
ATOM	9118	O	HOH A	1	55.939	27.434	2.334	O
ATOM	9119	H1	HOH A	2	56.739	26.974	2.665	H
ATOM	9120	H2	HOH A	3	55.967	28.359	2.656	H
ATOM	9121	O	HOH A	1	55.977	27.338	24.439	O
ATOM	9122	H1	HOH A	2	56.781	26.887	24.773	H
ATOM	9123	H2	HOH A	3	55.994	28.264	24.759	H
ATOM	9124	O	HOH A	1	55.962	27.381	46.598	O
ATOM	9125	H1	HOH A	2	56.767	26.930	46.929	H
ATOM	9126	H2	HOH A	3	55.984	28.309	46.912	H
ATOM	9127	O	HOH A	1	15.330	27.356	2.357	O
ATOM	9128	H1	HOH A	2	14.519	26.918	2.690	H
ATOM	9129	H2	HOH A	3	15.326	28.283	2.676	H
ATOM	9130	O	HOH A	1	15.315	27.299	24.528	O
ATOM	9131	H1	HOH A	2	14.503	26.858	24.855	H
ATOM	9132	H2	HOH A	3	15.308	28.224	24.850	H
ATOM	9133	O	HOH A	1	15.299	27.329	46.625	O
ATOM	9134	H1	HOH A	2	14.488	26.888	46.954	H
ATOM	9135	H2	HOH A	3	15.292	28.255	46.947	H
ATOM	9136	O	HOH A	1	37.908	27.535	2.331	O
ATOM	9137	H1	HOH A	2	37.094	27.100	2.661	H
ATOM	9138	H2	HOH A	3	37.909	28.461	2.652	H
ATOM	9139	O	HOH A	1	37.945	27.359	24.472	O
ATOM	9140	H1	HOH A	2	37.131	26.927	24.804	H
ATOM	9141	H2	HOH A	3	37.944	28.289	24.783	H
ATOM	9142	O	HOH A	1	37.945	27.341	46.570	O
ATOM	9143	H1	HOH A	2	37.131	26.908	46.903	H
ATOM	9144	H2	HOH A	3	37.949	28.266	46.893	H
ATOM	9145	O	HOH A	1	60.520	27.376	2.328	O
ATOM	9146	H1	HOH A	2	59.701	26.945	2.648	H

ATOM	9147	H2	HOH A	3	60.519	28.303	2.647	H
ATOM	9148	O	HOH A	1	60.535	27.309	24.437	O
ATOM	9149	H1	HOH A	2	59.719	26.877	24.765	H
ATOM	9150	H2	HOH A	3	60.538	28.235	24.757	H
ATOM	9151	O	HOH A	1	60.530	27.367	46.602	O
ATOM	9152	H1	HOH A	2	59.716	26.930	46.930	H
ATOM	9153	H2	HOH A	3	60.530	28.291	46.927	H
ATOM	9154	O	HOH A	1	19.815	27.418	2.403	O
ATOM	9155	H1	HOH A	2	19.007	26.980	2.742	H
ATOM	9156	H2	HOH A	3	19.812	28.346	2.718	H
ATOM	9157	O	HOH A	1	19.808	27.324	24.565	O
ATOM	9158	H1	HOH A	2	18.997	26.895	24.910	H
ATOM	9159	H2	HOH A	3	19.814	28.254	24.875	H
ATOM	9160	O	HOH A	1	19.792	27.345	46.675	O
ATOM	9161	H1	HOH A	2	18.980	26.913	47.013	H
ATOM	9162	H2	HOH A	3	19.789	28.276	46.982	H
ATOM	9163	O	HOH A	1	42.401	27.537	2.363	O
ATOM	9164	H1	HOH A	2	41.586	27.113	2.704	H
ATOM	9165	H2	HOH A	3	42.407	28.469	2.667	H
ATOM	9166	O	HOH A	1	42.450	27.361	24.489	O
ATOM	9167	H1	HOH A	2	41.635	26.936	24.829	H
ATOM	9168	H2	HOH A	3	42.460	28.290	24.804	H
ATOM	9169	O	HOH A	1	42.440	27.361	46.612	O
ATOM	9170	H1	HOH A	2	41.624	26.934	46.947	H
ATOM	9171	H2	HOH A	3	42.447	28.289	46.926	H
ATOM	9172	O	HOH A	1	65.015	27.358	2.398	O
ATOM	9173	H1	HOH A	2	64.201	26.929	2.736	H
ATOM	9174	H2	HOH A	3	65.020	28.287	2.709	H
ATOM	9175	O	HOH A	1	65.019	27.312	24.494	O
ATOM	9176	H1	HOH A	2	64.208	26.885	24.840	H
ATOM	9177	H2	HOH A	3	65.027	28.242	24.802	H
ATOM	9178	O	HOH A	1	65.002	27.381	46.647	O
ATOM	9179	H1	HOH A	2	64.190	26.952	46.988	H
ATOM	9180	H2	HOH A	3	65.009	28.309	46.960	H
ATOM	9181	O	HOH A	1	22.159	31.358	2.380	O
ATOM	9182	H1	HOH A	2	21.350	30.913	2.707	H

ATOM	9183	H2	HOH A	3	22.155	32.279	2.714	H
ATOM	9184	O	HOH A	1	22.147	31.261	24.543	O
ATOM	9185	H1	HOH A	2	21.340	30.816	24.876	H
ATOM	9186	H2	HOH A	3	22.140	32.185	24.872	H
ATOM	9187	O	HOH A	1	22.143	31.271	46.646	O
ATOM	9188	H1	HOH A	2	21.335	30.825	46.976	H
ATOM	9189	H2	HOH A	3	22.136	32.193	46.977	H
ATOM	9190	O	HOH A	1	44.733	31.458	2.324	O
ATOM	9191	H1	HOH A	2	43.921	31.015	2.647	H
ATOM	9192	H2	HOH A	3	44.727	32.381	2.654	H
ATOM	9193	O	HOH A	1	44.791	31.292	24.447	O
ATOM	9194	H1	HOH A	2	43.979	30.849	24.771	H
ATOM	9195	H2	HOH A	3	44.785	32.215	24.777	H
ATOM	9196	O	HOH A	1	44.790	31.298	46.576	O
ATOM	9197	H1	HOH A	2	43.982	30.848	46.901	H
ATOM	9198	H2	HOH A	3	44.777	32.220	46.907	H
ATOM	9199	O	HOH A	1	67.366	31.257	2.370	O
ATOM	9200	H1	HOH A	2	66.551	30.814	2.685	H
ATOM	9201	H2	HOH A	3	67.357	32.179	2.701	H
ATOM	9202	O	HOH A	1	67.359	31.239	24.475	O
ATOM	9203	H1	HOH A	2	66.548	30.799	24.804	H
ATOM	9204	H2	HOH A	3	67.356	32.163	24.800	H
ATOM	9205	O	HOH A	1	67.339	31.288	46.624	O
ATOM	9206	H1	HOH A	2	66.529	30.841	46.947	H
ATOM	9207	H2	HOH A	3	67.333	32.208	46.962	H
ATOM	9208	O	HOH A	1	4.043	31.256	2.422	O
ATOM	9209	H1	HOH A	2	3.236	30.794	2.731	H
ATOM	9210	H2	HOH A	3	4.033	31.261	1.442	H
ATOM	9211	O	HOH A	1	4.039	31.236	24.543	O
ATOM	9212	H1	HOH A	2	3.238	30.769	24.861	H
ATOM	9213	H2	HOH A	3	4.026	31.229	23.563	H
ATOM	9214	O	HOH A	1	4.016	31.278	46.691	O
ATOM	9215	H1	HOH A	2	3.214	30.814	47.010	H
ATOM	9216	H2	HOH A	3	4.002	31.269	45.711	H
ATOM	9217	O	HOH A	1	26.625	31.430	2.424	O
ATOM	9218	H1	HOH A	2	25.825	30.963	2.745	H

ATOM	9219	H2	HOH A	3	26.609	31.417	1.444	H
ATOM	9220	O	HOH A	1	26.653	31.285	24.588	O
ATOM	9221	H1	HOH A	2	25.853	30.816	24.905	H
ATOM	9222	H2	HOH A	3	26.636	31.283	23.608	H
ATOM	9223	O	HOH A	1	26.636	31.285	46.671	O
ATOM	9224	H1	HOH A	2	25.834	30.819	46.987	H
ATOM	9225	H2	HOH A	3	26.627	31.272	45.691	H
ATOM	9226	O	HOH A	1	49.229	31.434	2.369	O
ATOM	9227	H1	HOH A	2	48.420	30.980	2.684	H
ATOM	9228	H2	HOH A	3	49.215	31.435	1.390	H
ATOM	9229	O	HOH A	1	49.256	31.287	24.476	O
ATOM	9230	H1	HOH A	2	48.455	30.819	24.793	H
ATOM	9231	H2	HOH A	3	49.238	31.288	23.496	H
ATOM	9232	O	HOH A	1	49.263	31.310	46.623	O
ATOM	9233	H1	HOH A	2	48.465	30.839	46.942	H
ATOM	9234	H2	HOH A	3	49.252	31.297	45.643	H
ATOM	9235	O	HOH A	1	8.557	31.252	2.393	O
ATOM	9236	H1	HOH A	2	7.748	30.789	2.693	H
ATOM	9237	H2	HOH A	3	8.552	31.268	1.413	H
ATOM	9238	O	HOH A	1	8.532	31.232	24.530	O
ATOM	9239	H1	HOH A	2	7.728	30.756	24.825	H
ATOM	9240	H2	HOH A	3	8.536	31.242	23.550	H
ATOM	9241	O	HOH A	1	8.516	31.264	46.673	O
ATOM	9242	H1	HOH A	2	7.708	30.798	46.974	H
ATOM	9243	H2	HOH A	3	8.512	31.273	45.693	H
ATOM	9244	O	HOH A	1	31.132	31.459	2.404	O
ATOM	9245	H1	HOH A	2	30.327	30.984	2.699	H
ATOM	9246	H2	HOH A	3	31.140	31.461	1.424	H
ATOM	9247	O	HOH A	1	31.153	31.287	24.550	O
ATOM	9248	H1	HOH A	2	30.345	30.821	24.850	H
ATOM	9249	H2	HOH A	3	31.149	31.298	23.570	H
ATOM	9250	O	HOH A	1	31.154	31.271	46.642	O
ATOM	9251	H1	HOH A	2	30.345	30.811	46.949	H
ATOM	9252	H2	HOH A	3	31.153	31.264	45.662	H
ATOM	9253	O	HOH A	1	53.739	31.395	2.346	O
ATOM	9254	H1	HOH A	2	52.927	30.930	2.639	H

ATOM	9255	H2	HOH A	3	53.746	31.403	1.366	H
ATOM	9256	O	HOH A	1	53.760	31.270	24.457	O
ATOM	9257	H1	HOH A	2	52.949	30.804	24.751	H
ATOM	9258	H2	HOH A	3	53.765	31.281	23.477	H
ATOM	9259	O	HOH A	1	53.757	31.305	46.611	O
ATOM	9260	H1	HOH A	2	52.952	30.836	46.916	H
ATOM	9261	H2	HOH A	3	53.757	31.301	45.631	H
ATOM	9262	O	HOH A	1	13.087	31.261	2.390	O
ATOM	9263	H1	HOH A	2	13.905	30.825	2.709	H
ATOM	9264	H2	HOH A	3	13.079	32.178	2.734	H
ATOM	9265	O	HOH A	1	13.053	31.225	24.543	O
ATOM	9266	H1	HOH A	2	13.864	30.785	24.873	H
ATOM	9267	H2	HOH A	3	13.041	32.141	24.891	H
ATOM	9268	O	HOH A	1	13.039	31.239	46.668	O
ATOM	9269	H1	HOH A	2	13.855	30.805	46.992	H
ATOM	9270	H2	HOH A	3	13.030	32.159	47.006	H
ATOM	9271	O	HOH A	1	35.648	31.456	2.364	O
ATOM	9272	H1	HOH A	2	36.463	31.021	2.690	H
ATOM	9273	H2	HOH A	3	35.639	32.376	2.702	H
ATOM	9274	O	HOH A	1	35.680	31.286	24.497	O
ATOM	9275	H1	HOH A	2	36.496	30.852	24.823	H
ATOM	9276	H2	HOH A	3	35.672	32.206	24.834	H
ATOM	9277	O	HOH A	1	35.684	31.255	46.608	O
ATOM	9278	H1	HOH A	2	36.502	30.819	46.928	H
ATOM	9279	H2	HOH A	3	35.681	32.175	46.945	H
ATOM	9280	O	HOH A	1	58.269	31.317	2.339	O
ATOM	9281	H1	HOH A	2	59.077	30.875	2.674	H
ATOM	9282	H2	HOH A	3	58.264	32.236	2.678	H
ATOM	9283	O	HOH A	1	58.273	31.235	24.444	O
ATOM	9284	H1	HOH A	2	59.081	30.797	24.783	H
ATOM	9285	H2	HOH A	3	58.265	32.156	24.778	H
ATOM	9286	O	HOH A	1	58.277	31.290	46.617	O
ATOM	9287	H1	HOH A	2	59.089	30.852	46.947	H
ATOM	9288	H2	HOH A	3	58.271	32.210	46.955	H
ATOM	9289	O	HOH A	1	17.619	31.277	2.380	O
ATOM	9290	H1	HOH A	2	17.609	32.201	2.709	H

ATOM	9291	H2	HOH A	3	17.605	31.304	1.401	H
ATOM	9292	O	HOH A	1	17.602	31.199	24.552	O
ATOM	9293	H1	HOH A	2	17.595	32.124	24.875	H
ATOM	9294	H2	HOH A	3	17.591	31.220	23.573	H
ATOM	9295	O	HOH A	1	17.595	31.229	46.661	O
ATOM	9296	H1	HOH A	2	17.584	32.155	46.980	H
ATOM	9297	H2	HOH A	3	17.570	31.245	45.682	H
ATOM	9298	O	HOH A	1	40.196	31.433	2.347	O
ATOM	9299	H1	HOH A	2	40.195	32.359	2.667	H
ATOM	9300	H2	HOH A	3	40.181	31.451	1.367	H
ATOM	9301	O	HOH A	1	40.243	31.260	24.482	O
ATOM	9302	H1	HOH A	2	40.232	32.182	24.814	H
ATOM	9303	H2	HOH A	3	40.231	31.291	23.502	H
ATOM	9304	O	HOH A	1	40.248	31.238	46.583	O
ATOM	9305	H1	HOH A	2	40.234	32.164	46.905	H
ATOM	9306	H2	HOH A	3	40.234	31.259	45.603	H
ATOM	9307	O	HOH A	1	62.814	31.263	2.357	O
ATOM	9308	H1	HOH A	2	62.804	32.186	2.684	H
ATOM	9309	H2	HOH A	3	62.803	31.288	1.377	H
ATOM	9310	O	HOH A	1	62.821	31.194	24.457	O
ATOM	9311	H1	HOH A	2	62.819	32.117	24.788	H
ATOM	9312	H2	HOH A	3	62.807	31.224	23.478	H
ATOM	9313	O	HOH A	1	62.813	31.266	46.639	O
ATOM	9314	H1	HOH A	2	62.805	32.191	46.964	H
ATOM	9315	H2	HOH A	3	62.799	31.289	45.659	H
ATOM	9316	O	HOH A	1	1.764	35.177	2.364	O
ATOM	9317	H1	HOH A	2	2.564	34.718	2.694	H
ATOM	9318	H2	HOH A	3	1.789	35.164	1.384	H
ATOM	9319	O	HOH A	1	1.756	35.162	24.475	O
ATOM	9320	H1	HOH A	2	2.561	34.710	24.804	H
ATOM	9321	H2	HOH A	3	1.773	35.136	23.496	H
ATOM	9322	O	HOH A	1	1.733	35.208	46.618	O
ATOM	9323	H1	HOH A	2	2.539	34.753	46.939	H
ATOM	9324	H2	HOH A	3	1.747	35.193	45.638	H
ATOM	9325	O	HOH A	1	24.346	35.332	2.386	O
ATOM	9326	H1	HOH A	2	25.156	34.882	2.705	H

ATOM	9327	H2	HOH A	3	24.356	35.315	1.407	H
ATOM	9328	O	HOH A	1	24.360	35.200	24.544	O
ATOM	9329	H1	HOH A	2	25.171	34.747	24.859	H
ATOM	9330	H2	HOH A	3	24.371	35.191	23.564	H
ATOM	9331	O	HOH A	1	24.336	35.200	46.626	O
ATOM	9332	H1	HOH A	2	25.139	34.741	46.949	H
ATOM	9333	H2	HOH A	3	24.350	35.181	45.646	H
ATOM	9334	O	HOH A	1	46.945	35.373	2.314	O
ATOM	9335	H1	HOH A	2	47.749	34.910	2.631	H
ATOM	9336	H2	HOH A	3	46.957	35.362	1.334	H
ATOM	9337	O	HOH A	1	46.983	35.220	24.429	O
ATOM	9338	H1	HOH A	2	47.789	34.762	24.747	H
ATOM	9339	H2	HOH A	3	46.996	35.210	23.449	H
ATOM	9340	O	HOH A	1	46.972	35.233	46.566	O
ATOM	9341	H1	HOH A	2	47.771	34.770	46.894	H
ATOM	9342	H2	HOH A	3	46.987	35.206	45.586	H
ATOM	9343	O	HOH A	1	6.266	35.142	2.381	O
ATOM	9344	H1	HOH A	2	7.072	34.698	2.717	H
ATOM	9345	H2	HOH A	3	6.269	36.065	2.712	H
ATOM	9346	O	HOH A	1	6.250	35.153	24.497	O
ATOM	9347	H1	HOH A	2	7.052	34.707	24.840	H
ATOM	9348	H2	HOH A	3	6.251	36.076	24.829	H
ATOM	9349	O	HOH A	1	6.234	35.180	46.643	O
ATOM	9350	H1	HOH A	2	7.043	34.742	46.980	H
ATOM	9351	H2	HOH A	3	6.232	36.105	46.968	H
ATOM	9352	O	HOH A	1	28.849	35.359	2.379	O
ATOM	9353	H1	HOH A	2	29.659	34.918	2.712	H
ATOM	9354	H2	HOH A	3	28.851	36.282	2.706	H
ATOM	9355	O	HOH A	1	28.863	35.199	24.525	O
ATOM	9356	H1	HOH A	2	29.673	34.760	24.857	H
ATOM	9357	H2	HOH A	3	28.864	36.123	24.851	H
ATOM	9358	O	HOH A	1	28.868	35.184	46.622	O
ATOM	9359	H1	HOH A	2	29.678	34.741	46.951	H
ATOM	9360	H2	HOH A	3	28.879	36.111	46.939	H
ATOM	9361	O	HOH A	1	51.464	35.315	2.315	O
ATOM	9362	H1	HOH A	2	52.269	34.870	2.651	H

ATOM	9363	H2	HOH A	3	51.467	36.237	2.647	H
ATOM	9364	O	HOH A	1	51.480	35.180	24.418	O
ATOM	9365	H1	HOH A	2	52.287	34.738	24.755	H
ATOM	9366	H2	HOH A	3	51.485	36.105	24.743	H
ATOM	9367	O	HOH A	1	51.472	35.207	46.576	O
ATOM	9368	H1	HOH A	2	52.282	34.767	46.911	H
ATOM	9369	H2	HOH A	3	51.472	36.130	46.904	H
ATOM	9370	O	HOH A	1	10.791	35.198	2.383	O
ATOM	9371	H1	HOH A	2	11.590	34.731	2.706	H
ATOM	9372	H2	HOH A	3	10.806	35.180	1.403	H
ATOM	9373	O	HOH A	1	10.764	35.170	24.534	O
ATOM	9374	H1	HOH A	2	11.559	34.701	24.864	H
ATOM	9375	H2	HOH A	3	10.787	35.151	23.554	H
ATOM	9376	O	HOH A	1	10.758	35.210	46.657	O
ATOM	9377	H1	HOH A	2	11.555	34.736	46.973	H
ATOM	9378	H2	HOH A	3	10.764	35.195	45.678	H
ATOM	9379	O	HOH A	1	33.362	35.400	2.380	O
ATOM	9380	H1	HOH A	2	34.161	34.932	2.701	H
ATOM	9381	H2	HOH A	3	33.371	35.380	1.400	H
ATOM	9382	O	HOH A	1	33.388	35.234	24.507	O
ATOM	9383	H1	HOH A	2	34.191	34.763	24.814	H
ATOM	9384	H2	HOH A	3	33.386	35.221	23.527	H
ATOM	9385	O	HOH A	1	33.405	35.225	46.606	O
ATOM	9386	H1	HOH A	2	34.203	34.758	46.929	H
ATOM	9387	H2	HOH A	3	33.417	35.203	45.626	H
ATOM	9388	O	HOH A	1	55.986	35.310	2.323	O
ATOM	9389	H1	HOH A	2	56.778	34.830	2.644	H
ATOM	9390	H2	HOH A	3	56.002	35.299	1.344	H
ATOM	9391	O	HOH A	1	56.006	35.206	24.449	O
ATOM	9392	H1	HOH A	2	56.803	34.731	24.763	H
ATOM	9393	H2	HOH A	3	56.013	35.196	23.469	H
ATOM	9394	O	HOH A	1	55.977	35.251	46.602	O
ATOM	9395	H1	HOH A	2	56.773	34.779	46.924	H
ATOM	9396	H2	HOH A	3	55.991	35.234	45.622	H
ATOM	9397	O	HOH A	1	15.307	35.174	2.406	O
ATOM	9398	H1	HOH A	2	16.117	34.711	2.705	H

ATOM	9399	H2	HOH A	3	15.304	35.176	1.426	H
ATOM	9400	O	HOH A	1	15.278	35.122	24.578	O
ATOM	9401	H1	HOH A	2	16.082	34.649	24.879	H
ATOM	9402	H2	HOH A	3	15.285	35.137	23.598	H
ATOM	9403	O	HOH A	1	15.267	35.135	46.669	O
ATOM	9404	H1	HOH A	2	16.071	34.665	46.975	H
ATOM	9405	H2	HOH A	3	15.276	35.144	45.689	H
ATOM	9406	O	HOH A	1	37.881	35.362	2.379	O
ATOM	9407	H1	HOH A	2	38.689	34.895	2.678	H
ATOM	9408	H2	HOH A	3	37.883	35.374	1.399	H
ATOM	9409	O	HOH A	1	37.925	35.183	24.513	O
ATOM	9410	H1	HOH A	2	38.729	34.708	24.810	H
ATOM	9411	H2	HOH A	3	37.923	35.193	23.533	H
ATOM	9412	O	HOH A	1	37.910	35.158	46.615	O
ATOM	9413	H1	HOH A	2	38.714	34.686	46.917	H
ATOM	9414	H2	HOH A	3	37.909	35.159	45.635	H
ATOM	9415	O	HOH A	1	60.506	35.201	2.377	O
ATOM	9416	H1	HOH A	2	61.308	34.725	2.678	H
ATOM	9417	H2	HOH A	3	60.514	35.220	1.398	H
ATOM	9418	O	HOH A	1	60.528	35.132	24.456	O
ATOM	9419	H1	HOH A	2	61.327	34.657	24.765	H
ATOM	9420	H2	HOH A	3	60.540	35.139	23.476	H
ATOM	9421	O	HOH A	1	60.492	35.191	46.628	O
ATOM	9422	H1	HOH A	2	61.295	34.720	46.935	H
ATOM	9423	H2	HOH A	3	60.498	35.192	45.648	H
ATOM	9424	O	HOH A	1	19.828	35.224	2.388	O
ATOM	9425	H1	HOH A	2	20.646	34.779	2.692	H
ATOM	9426	H2	HOH A	3	19.833	35.232	1.408	H
ATOM	9427	O	HOH A	1	19.813	35.152	24.563	O
ATOM	9428	H1	HOH A	2	20.631	34.706	24.867	H
ATOM	9429	H2	HOH A	3	19.824	35.167	23.583	H
ATOM	9430	O	HOH A	1	19.795	35.166	46.653	O
ATOM	9431	H1	HOH A	2	20.606	34.712	46.963	H
ATOM	9432	H2	HOH A	3	19.811	35.181	45.673	H
ATOM	9433	O	HOH A	1	42.417	35.371	2.349	O
ATOM	9434	H1	HOH A	2	43.227	34.917	2.662	H

ATOM	9435	H2	HOH A	3	42.436	35.383	1.369	H
ATOM	9436	O	HOH A	1	42.454	35.192	24.470	O
ATOM	9437	H1	HOH A	2	43.266	34.734	24.773	H
ATOM	9438	H2	HOH A	3	42.466	35.212	23.491	H
ATOM	9439	O	HOH A	1	42.439	35.184	46.583	O
ATOM	9440	H1	HOH A	2	43.251	34.729	46.890	H
ATOM	9441	H2	HOH A	3	42.447	35.189	45.603	H
ATOM	9442	O	HOH A	1	65.032	35.179	2.372	O
ATOM	9443	H1	HOH A	2	65.841	34.717	2.676	H
ATOM	9444	H2	HOH A	3	65.042	35.196	1.393	H
ATOM	9445	O	HOH A	1	65.035	35.137	24.459	O
ATOM	9446	H1	HOH A	2	65.843	34.678	24.770	H
ATOM	9447	H2	HOH A	3	65.050	35.146	23.479	H
ATOM	9448	O	HOH A	1	65.008	35.177	46.626	O
ATOM	9449	H1	HOH A	2	65.818	34.720	46.935	H
ATOM	9450	H2	HOH A	3	65.020	35.186	45.646	H
ATOM	9451	O	HOH A	1	22.041	39.192	2.357	O
ATOM	9452	H1	HOH A	2	22.843	38.741	2.695	H
ATOM	9453	H2	HOH A	3	21.257	38.719	2.706	H
ATOM	9454	O	HOH A	1	22.034	39.088	24.509	O
ATOM	9455	H1	HOH A	2	22.828	38.622	24.843	H
ATOM	9456	H2	HOH A	3	21.243	38.621	24.850	H
ATOM	9457	O	HOH A	1	22.040	39.101	46.616	O
ATOM	9458	H1	HOH A	2	22.840	38.637	46.941	H
ATOM	9459	H2	HOH A	3	21.254	38.636	46.970	H
ATOM	9460	O	HOH A	1	44.654	39.285	2.315	O
ATOM	9461	H1	HOH A	2	45.447	38.814	2.648	H
ATOM	9462	H2	HOH A	3	43.861	38.825	2.661	H
ATOM	9463	O	HOH A	1	44.670	39.123	24.427	O
ATOM	9464	H1	HOH A	2	45.467	38.658	24.759	H
ATOM	9465	H2	HOH A	3	43.881	38.659	24.775	H
ATOM	9466	O	HOH A	1	44.667	39.128	46.550	O
ATOM	9467	H1	HOH A	2	45.464	38.664	46.882	H
ATOM	9468	H2	HOH A	3	43.879	38.663	46.900	H
ATOM	9469	O	HOH A	1	67.255	39.101	2.357	O
ATOM	9470	H1	HOH A	2	68.046	38.627	2.688	H

ATOM	9471	H2	HOH A	3	66.461	38.639	2.699	H
ATOM	9472	O	HOH A	1	67.256	39.069	24.448	O
ATOM	9473	H1	HOH A	2	68.049	38.604	24.789	H
ATOM	9474	H2	HOH A	3	66.463	38.611	24.797	H
ATOM	9475	O	HOH A	1	67.227	39.111	46.612	O
ATOM	9476	H1	HOH A	2	68.022	38.645	46.946	H
ATOM	9477	H2	HOH A	3	66.436	38.645	46.954	H
ATOM	9478	O	HOH A	1	4.009	39.071	2.422	O
ATOM	9479	H1	HOH A	2	4.013	39.996	2.743	H
ATOM	9480	H2	HOH A	3	4.006	39.091	1.442	H
ATOM	9481	O	HOH A	1	4.010	39.062	24.535	O
ATOM	9482	H1	HOH A	2	4.014	39.989	24.854	H
ATOM	9483	H2	HOH A	3	4.009	39.080	23.555	H
ATOM	9484	O	HOH A	1	3.976	39.103	46.683	O
ATOM	9485	H1	HOH A	2	3.983	40.029	47.002	H
ATOM	9486	H2	HOH A	3	3.971	39.121	45.703	H
ATOM	9487	O	HOH A	1	26.599	39.244	2.409	O
ATOM	9488	H1	HOH A	2	26.605	40.173	2.721	H
ATOM	9489	H2	HOH A	3	26.594	39.254	1.429	H
ATOM	9490	O	HOH A	1	26.600	39.116	24.552	O
ATOM	9491	H1	HOH A	2	26.608	40.041	24.875	H
ATOM	9492	H2	HOH A	3	26.594	39.137	23.572	H
ATOM	9493	O	HOH A	1	26.608	39.093	46.654	O
ATOM	9494	H1	HOH A	2	26.617	40.023	46.964	H
ATOM	9495	H2	HOH A	3	26.600	39.100	45.675	H
ATOM	9496	O	HOH A	1	49.213	39.259	2.366	O
ATOM	9497	H1	HOH A	2	49.215	40.187	2.680	H
ATOM	9498	H2	HOH A	3	49.209	39.270	1.386	H
ATOM	9499	O	HOH A	1	49.236	39.103	24.468	O
ATOM	9500	H1	HOH A	2	49.245	40.028	24.793	H
ATOM	9501	H2	HOH A	3	49.230	39.126	23.488	H
ATOM	9502	O	HOH A	1	49.220	39.129	46.612	O
ATOM	9503	H1	HOH A	2	49.225	40.055	46.931	H
ATOM	9504	H2	HOH A	3	49.216	39.145	45.632	H
ATOM	9505	O	HOH A	1	8.521	39.066	2.391	O
ATOM	9506	H1	HOH A	2	9.334	38.635	2.728	H

ATOM	9507	H2	HOH A	3	8.511	39.990	2.717	H
ATOM	9508	O	HOH A	1	8.512	39.076	24.519	O
ATOM	9509	H1	HOH A	2	9.323	38.646	24.862	H
ATOM	9510	H2	HOH A	3	8.500	40.002	24.840	H
ATOM	9511	O	HOH A	1	8.485	39.086	46.653	O
ATOM	9512	H1	HOH A	2	9.296	38.653	46.993	H
ATOM	9513	H2	HOH A	3	8.479	40.013	46.971	H
ATOM	9514	O	HOH A	1	31.110	39.280	2.371	O
ATOM	9515	H1	HOH A	2	31.919	38.844	2.710	H
ATOM	9516	H2	HOH A	3	31.109	40.206	2.692	H
ATOM	9517	O	HOH A	1	31.127	39.121	24.512	O
ATOM	9518	H1	HOH A	2	31.936	38.684	24.852	H
ATOM	9519	H2	HOH A	3	31.124	40.046	24.834	H
ATOM	9520	O	HOH A	1	31.131	39.102	46.613	O
ATOM	9521	H1	HOH A	2	31.945	38.679	46.958	H
ATOM	9522	H2	HOH A	3	31.115	40.030	46.928	H
ATOM	9523	O	HOH A	1	53.713	39.212	2.337	O
ATOM	9524	H1	HOH A	2	54.521	38.775	2.680	H
ATOM	9525	H2	HOH A	3	53.707	40.136	2.663	H
ATOM	9526	O	HOH A	1	53.753	39.088	24.439	O
ATOM	9527	H1	HOH A	2	54.562	38.655	24.783	H
ATOM	9528	H2	HOH A	3	53.743	40.013	24.764	H
ATOM	9529	O	HOH A	1	53.732	39.113	46.581	O
ATOM	9530	H1	HOH A	2	54.536	38.677	46.933	H
ATOM	9531	H2	HOH A	3	53.722	40.037	46.908	H
ATOM	9532	O	HOH A	1	13.077	39.114	2.407	O
ATOM	9533	H1	HOH A	2	12.273	38.650	2.721	H
ATOM	9534	H2	HOH A	3	13.060	39.120	1.427	H
ATOM	9535	O	HOH A	1	13.052	39.071	24.543	O
ATOM	9536	H1	HOH A	2	12.245	38.616	24.861	H
ATOM	9537	H2	HOH A	3	13.034	39.069	23.563	H
ATOM	9538	O	HOH A	1	13.055	39.107	46.671	O
ATOM	9539	H1	HOH A	2	12.250	38.648	46.989	H
ATOM	9540	H2	HOH A	3	13.034	39.111	45.691	H
ATOM	9541	O	HOH A	1	35.656	39.326	2.373	O
ATOM	9542	H1	HOH A	2	34.855	38.862	2.693	H

ATOM	9543	H2	HOH A	3	35.637	39.323	1.393	H
ATOM	9544	O	HOH A	1	35.684	39.135	24.504	O
ATOM	9545	H1	HOH A	2	34.879	38.676	24.825	H
ATOM	9546	H2	HOH A	3	35.657	39.143	23.525	H
ATOM	9547	O	HOH A	1	35.692	39.125	46.602	O
ATOM	9548	H1	HOH A	2	34.885	38.669	46.922	H
ATOM	9549	H2	HOH A	3	35.674	39.121	45.622	H
ATOM	9550	O	HOH A	1	58.287	39.185	2.351	O
ATOM	9551	H1	HOH A	2	57.472	38.741	2.666	H
ATOM	9552	H2	HOH A	3	58.272	39.186	1.371	H
ATOM	9553	O	HOH A	1	58.298	39.092	24.459	O
ATOM	9554	H1	HOH A	2	57.492	38.633	24.777	H
ATOM	9555	H2	HOH A	3	58.276	39.098	23.479	H
ATOM	9556	O	HOH A	1	58.270	39.151	46.607	O
ATOM	9557	H1	HOH A	2	57.467	38.687	46.924	H
ATOM	9558	H2	HOH A	3	58.256	39.146	45.627	H
ATOM	9559	O	HOH A	1	17.555	39.131	2.403	O
ATOM	9560	H1	HOH A	2	16.759	38.659	2.727	H
ATOM	9561	H2	HOH A	3	17.526	39.136	1.424	H
ATOM	9562	O	HOH A	1	17.526	39.067	24.558	O
ATOM	9563	H1	HOH A	2	16.729	38.597	24.881	H
ATOM	9564	H2	HOH A	3	17.502	39.065	23.578	H
ATOM	9565	O	HOH A	1	17.532	39.081	46.674	O
ATOM	9566	H1	HOH A	2	16.730	38.614	46.990	H
ATOM	9567	H2	HOH A	3	17.511	39.090	45.695	H
ATOM	9568	O	HOH A	1	40.134	39.299	2.364	O
ATOM	9569	H1	HOH A	2	39.333	38.829	2.679	H
ATOM	9570	H2	HOH A	3	40.115	39.306	1.384	H
ATOM	9571	O	HOH A	1	40.174	39.117	24.503	O
ATOM	9572	H1	HOH A	2	39.373	38.652	24.823	H
ATOM	9573	H2	HOH A	3	40.145	39.132	23.524	H
ATOM	9574	O	HOH A	1	40.169	39.088	46.603	O
ATOM	9575	H1	HOH A	2	39.371	38.622	46.928	H
ATOM	9576	H2	HOH A	3	40.145	39.081	45.623	H
ATOM	9577	O	HOH A	1	62.753	39.113	2.392	O
ATOM	9578	H1	HOH A	2	61.947	38.652	2.707	H

ATOM	9579	H2	HOH A	3	62.735	39.120	1.413	H
ATOM	9580	O	HOH A	1	62.760	39.069	24.475	O
ATOM	9581	H1	HOH A	2	61.963	38.596	24.793	H
ATOM	9582	H2	HOH A	3	62.740	39.071	23.495	H
ATOM	9583	O	HOH A	1	62.730	39.103	46.631	O
ATOM	9584	H1	HOH A	2	61.925	38.642	46.948	H
ATOM	9585	H2	HOH A	3	62.711	39.105	45.651	H
ATOM	9586	O	HOH A	1	1.743	42.982	2.391	O
ATOM	9587	H1	HOH A	2	2.524	42.512	2.750	H
ATOM	9588	H2	HOH A	3	0.939	42.533	2.726	H
ATOM	9589	O	HOH A	1	1.751	42.962	24.489	O
ATOM	9590	H1	HOH A	2	2.531	42.492	24.851	H
ATOM	9591	H2	HOH A	3	0.946	42.508	24.816	H
ATOM	9592	O	HOH A	1	1.721	42.996	46.634	O
ATOM	9593	H1	HOH A	2	2.506	42.534	46.995	H
ATOM	9594	H2	HOH A	3	0.920	42.545	46.975	H
ATOM	9595	O	HOH A	1	24.336	43.113	2.376	O
ATOM	9596	H1	HOH A	2	25.129	42.662	2.736	H
ATOM	9597	H2	HOH A	3	23.543	42.649	2.718	H
ATOM	9598	O	HOH A	1	24.335	42.996	24.538	O
ATOM	9599	H1	HOH A	2	25.125	42.536	24.893	H
ATOM	9600	H2	HOH A	3	23.539	42.534	24.874	H
ATOM	9601	O	HOH A	1	24.337	42.994	46.620	O
ATOM	9602	H1	HOH A	2	25.123	42.532	46.979	H
ATOM	9603	H2	HOH A	3	23.538	42.541	46.960	H
ATOM	9604	O	HOH A	1	46.937	43.182	2.316	O
ATOM	9605	H1	HOH A	2	47.717	42.711	2.676	H
ATOM	9606	H2	HOH A	3	46.131	42.736	2.653	H
ATOM	9607	O	HOH A	1	46.982	43.004	24.443	O
ATOM	9608	H1	HOH A	2	47.766	42.538	24.800	H
ATOM	9609	H2	HOH A	3	46.181	42.555	24.785	H
ATOM	9610	O	HOH A	1	46.965	43.025	46.577	O
ATOM	9611	H1	HOH A	2	47.750	42.561	46.937	H
ATOM	9612	H2	HOH A	3	46.164	42.574	46.918	H
ATOM	9613	O	HOH A	1	6.248	42.984	2.417	O
ATOM	9614	H1	HOH A	2	6.231	43.909	2.741	H

ATOM	9615	H2	HOH A	3	6.253	43.006	1.438	H
ATOM	9616	O	HOH A	1	6.237	42.978	24.530	O
ATOM	9617	H1	HOH A	2	6.218	43.905	24.850	H
ATOM	9618	H2	HOH A	3	6.237	42.996	23.550	H
ATOM	9619	O	HOH A	1	6.211	43.009	46.679	O
ATOM	9620	H1	HOH A	2	6.204	43.934	47.004	H
ATOM	9621	H2	HOH A	3	6.208	43.032	45.700	H
ATOM	9622	O	HOH A	1	28.834	43.172	2.392	O
ATOM	9623	H1	HOH A	2	28.820	44.099	2.709	H
ATOM	9624	H2	HOH A	3	28.835	43.186	1.412	H
ATOM	9625	O	HOH A	1	28.834	43.035	24.543	O
ATOM	9626	H1	HOH A	2	28.824	43.961	24.864	H
ATOM	9627	H2	HOH A	3	28.828	43.053	23.564	H
ATOM	9628	O	HOH A	1	28.840	43.025	46.632	O
ATOM	9629	H1	HOH A	2	28.821	43.952	46.949	H
ATOM	9630	H2	HOH A	3	28.840	43.040	45.652	H
ATOM	9631	O	HOH A	1	51.431	43.161	2.350	O
ATOM	9632	H1	HOH A	2	51.420	44.091	2.659	H
ATOM	9633	H2	HOH A	3	51.435	43.168	1.370	H
ATOM	9634	O	HOH A	1	51.478	43.010	24.457	O
ATOM	9635	H1	HOH A	2	51.464	43.936	24.778	H
ATOM	9636	H2	HOH A	3	51.483	43.028	23.477	H
ATOM	9637	O	HOH A	1	51.450	43.043	46.599	O
ATOM	9638	H1	HOH A	2	51.439	43.971	46.915	H
ATOM	9639	H2	HOH A	3	51.454	43.057	45.619	H
ATOM	9640	O	HOH A	1	10.773	42.991	2.402	O
ATOM	9641	H1	HOH A	2	11.571	42.539	2.748	H
ATOM	9642	H2	HOH A	3	10.780	43.913	2.733	H
ATOM	9643	O	HOH A	1	10.756	42.957	24.544	O
ATOM	9644	H1	HOH A	2	11.555	42.507	24.889	H
ATOM	9645	H2	HOH A	3	10.765	43.881	24.869	H
ATOM	9646	O	HOH A	1	10.753	42.982	46.668	O
ATOM	9647	H1	HOH A	2	11.549	42.530	47.017	H
ATOM	9648	H2	HOH A	3	10.762	43.906	46.994	H
ATOM	9649	O	HOH A	1	33.362	43.206	2.373	O
ATOM	9650	H1	HOH A	2	34.157	42.746	2.713	H

ATOM	9651	H2	HOH A	3	33.381	44.129	2.704	H
ATOM	9652	O	HOH A	1	33.378	43.028	24.519	O
ATOM	9653	H1	HOH A	2	34.172	42.570	24.864	H
ATOM	9654	H2	HOH A	3	33.388	43.948	24.855	H
ATOM	9655	O	HOH A	1	33.375	42.980	46.617	O
ATOM	9656	H1	HOH A	2	34.177	42.537	46.964	H
ATOM	9657	H2	HOH A	3	33.380	43.907	46.937	H
ATOM	9658	O	HOH A	1	55.971	43.085	2.346	O
ATOM	9659	H1	HOH A	2	56.763	42.628	2.698	H
ATOM	9660	H2	HOH A	3	55.983	44.008	2.676	H
ATOM	9661	O	HOH A	1	56.003	43.000	24.447	O
ATOM	9662	H1	HOH A	2	56.796	42.542	24.796	H
ATOM	9663	H2	HOH A	3	56.014	43.921	24.780	H
ATOM	9664	O	HOH A	1	55.957	43.034	46.610	O
ATOM	9665	H1	HOH A	2	56.754	42.582	46.960	H
ATOM	9666	H2	HOH A	3	55.962	43.956	46.942	H
ATOM	9667	O	HOH A	1	15.283	43.049	2.396	O
ATOM	9668	H1	HOH A	2	16.076	42.580	2.731	H
ATOM	9669	H2	HOH A	3	14.490	42.578	2.727	H
ATOM	9670	O	HOH A	1	15.283	43.019	24.560	O
ATOM	9671	H1	HOH A	2	16.075	42.547	24.892	H
ATOM	9672	H2	HOH A	3	14.489	42.546	24.887	H
ATOM	9673	O	HOH A	1	15.271	43.018	46.671	O
ATOM	9674	H1	HOH A	2	16.059	42.542	47.005	H
ATOM	9675	H2	HOH A	3	14.473	42.557	47.005	H
ATOM	9676	O	HOH A	1	37.876	43.251	2.382	O
ATOM	9677	H1	HOH A	2	38.663	42.768	2.710	H
ATOM	9678	H2	HOH A	3	37.078	42.789	2.712	H
ATOM	9679	O	HOH A	1	37.892	43.054	24.498	O
ATOM	9680	H1	HOH A	2	38.682	42.577	24.827	H
ATOM	9681	H2	HOH A	3	37.096	42.585	24.826	H
ATOM	9682	O	HOH A	1	37.908	43.041	46.601	O
ATOM	9683	H1	HOH A	2	38.697	42.570	46.939	H
ATOM	9684	H2	HOH A	3	37.112	42.573	46.929	H
ATOM	9685	O	HOH A	1	60.488	43.100	2.369	O
ATOM	9686	H1	HOH A	2	61.273	42.613	2.697	H

ATOM	9687	H2	HOH A	3	59.687	42.636	2.690	H
ATOM	9688	O	HOH A	1	60.508	43.024	24.460	O
ATOM	9689	H1	HOH A	2	61.295	42.545	24.796	H
ATOM	9690	H2	HOH A	3	59.709	42.559	24.785	H
ATOM	9691	O	HOH A	1	60.484	43.061	46.619	O
ATOM	9692	H1	HOH A	2	61.270	42.587	46.961	H
ATOM	9693	H2	HOH A	3	59.685	42.597	46.946	H
ATOM	9694	O	HOH A	1	19.787	43.079	2.398	O
ATOM	9695	H1	HOH A	2	20.595	42.618	2.709	H
ATOM	9696	H2	HOH A	3	19.796	43.076	1.418	H
ATOM	9697	O	HOH A	1	19.794	43.001	24.557	O
ATOM	9698	H1	HOH A	2	20.600	42.540	24.871	H
ATOM	9699	H2	HOH A	3	19.804	42.996	23.577	H
ATOM	9700	O	HOH A	1	19.784	43.007	46.666	O
ATOM	9701	H1	HOH A	2	20.589	42.545	46.982	H
ATOM	9702	H2	HOH A	3	19.794	42.996	45.686	H
ATOM	9703	O	HOH A	1	42.380	43.213	2.354	O
ATOM	9704	H1	HOH A	2	43.179	42.742	2.669	H
ATOM	9705	H2	HOH A	3	42.393	43.210	1.374	H
ATOM	9706	O	HOH A	1	42.420	43.037	24.485	O
ATOM	9707	H1	HOH A	2	43.220	42.566	24.800	H
ATOM	9708	H2	HOH A	3	42.432	43.031	23.505	H
ATOM	9709	O	HOH A	1	42.413	43.040	46.591	O
ATOM	9710	H1	HOH A	2	43.215	42.574	46.907	H
ATOM	9711	H2	HOH A	3	42.424	43.032	45.611	H
ATOM	9712	O	HOH A	1	64.990	43.032	2.382	O
ATOM	9713	H1	HOH A	2	65.787	42.562	2.705	H
ATOM	9714	H2	HOH A	3	65.012	43.029	1.402	H
ATOM	9715	O	HOH A	1	65.009	42.998	24.472	O
ATOM	9716	H1	HOH A	2	65.808	42.529	24.791	H
ATOM	9717	H2	HOH A	3	65.027	42.996	23.493	H
ATOM	9718	O	HOH A	1	64.978	43.035	46.637	O
ATOM	9719	H1	HOH A	2	65.777	42.566	46.956	H
ATOM	9720	H2	HOH A	3	64.994	43.028	45.657	H