# **Supporting Information**

Computational characterization of a mechanism for the copper-catalyzed aerobic oxidative trifluoromethylation of terminal alkynes

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Table of contents	Page
Computational details	S2
Alternative pathways to form the Cu-CF <sub>3</sub> bond	S3
Alternative pathway for aerobic oxidation of (phen)Cu(CF <sub>3</sub> )alkynyl	S5
Table S1. Computed free energy values and dispersion corrections terms for all the	
species involved in the catalytic cycles	S6
Optimized geometries	S7

### **Computational details**

All the structures have been fully optimized in N,N-dimethylformamide using the Gaussian09 package,<sup>1</sup> with the PBE density functional.<sup>2, 3</sup> The standard  $6-31+G(d)^{4-6}$  basis set was used for all H, B, C, N, O and F atoms; the Stuttgart triple zeta basis set (SDD),<sup>7, 8</sup> along with the associated ECP to describe the 10 core electron, was employed for Cu. Solvation free energies are computed with the (IEF-PCM) continuum dielectric solvation model<sup>9, 10</sup> using the radii and non-electrostatic terms for Truhlar and coworkers' SMD solvation model.<sup>11</sup> In all cases frequency calculations were carried out to ensure the nature of stationary points and transition states, and allowing the calculation of free energies at 25°C for all the species involved in the catalytic cycles.

Additional single point calculations on the previously optimized geometries were employed to obtain improved solvated free energy values with larger basis sets. The the aug-cc-pVTZ basis set including polarization and the associated electron core potential<sup>12</sup> was employed for Cu while the 6-311+G\*\* allelectron basis set<sup>5</sup> was used for all the other atoms.

The empirical dispersion terms, included in the calculation of free energies, were computed for the optimized geometries using the DFT-D3 package<sup>13</sup> of Grimme using the corresponding PBE-D<sup>14-16</sup> functional.

Unless otherwise stated all the free energy values correspond to those obtained with the large basis set including solvation and dispersion corrections.

Along the reaction pathways mononuclear and dinuclear species coexist, it is not easy to assign a unique origin of energies for both species at the same time since for the latter that spot would correspond to two separated monomers and hence the energy for the dinuclear species would be "doubled". Throughout the paper all the energies have been calculated regarding to the mononuclear starting copper complex.

- 1. M. J. Frisch, G. W. Trucks, H. B. Schlegel, G. E. Scuseria, M. A. Robb, J. R. Cheeseman, G. Scalmani, V. Barone, B. Mennucci, G. A. Petersson, H. Nakatsuji, M. Caricato, X. Li, H. P. Hratchian, A. F. Izmaylov, J. Bloino, G. Zheng, J. L. Sonnenberg, M. Hada, M. Ehara, K. Toyota, R. Fukuda, J. Hasegawa, M. Ishida, T. Nakajima, Y. Honda, O. Kitao, H. Nakai, T. Vreven, J. Montgomery, J. A., J. E. Peralta, F. Ogliaro, M. Bearpark, J. J. Heyd, E. Brothers, K. N. Kudin, V. N. Staroverov, R. Kobayashi, J. Normand, K. Raghavachari, A. Rendell, J. C. Burant, S. S. Iyengar, J. Tomasi, M. Cossi, N. Rega, N. J. Millam, M. Klene, J. E. Knox, J. B. Cross, V. Bakken, C. Adamo, J. Jaramillo, R. Gomperts, R. E. Stratmann, O. Yazyev, A. J. Austin, R. Cammi, C. Pomelli, J. W. Ochterski, R. L. Martin, K. Morokuma, V. G. Zakrzewski, G. A. Voth, P. Salvador, J. J. Dannenberg, S. Dapprich, A. D. Daniels, Ö. Farkas, J. B. Foresman, J. V. Ortiz and J. F. Cioslowski, D. J., Gaussian09, Revision A.02, (2009) Gaussian, Inc., Wallingford CT.
- 2. 3. J. P. Perdew, K. Burke and M. Ernzerhof, Phys. Rev. Lett., 1996, 77, 3865.
- J. P. Perdew, K. Burke and M. Ernzerhof, Phys. Rev. Lett., 1997, 78, 1396.
- 4. P. C. Hariharan and J. A. Pople, Theor. Chem. Acc., 1973, 28, 213-222.
- 5. M. J. Frisch, J. A. Pople and J. S. Binkley, J. Chem. Phys., 1984, 80, 3265-3269.
- 6. T. Clark, J. Chandrasekhar, G. W. Spitznagel and P. V. R. Schleyer, J. Comput. Chem., 1983, 4, 294-301.
- 7. T. H. Dunning and P. J. Hay, in Modern Theoretical Chemistry, ed. H. F. Schaefer III, Plenum, New York, 1976, vol. 3, pp. 1-28.
- 8. A. Bergner, M. Dolg, W. Küchle, H. Stoll and H. Preuss, Molecular Physics, 1993, 80, 1431 - 1441.
- D. J. Tannor, B. Marten, R. Murphy, R. A. Friesner, D. Sitkoff, A. Nicholls, B. Honig, M. Ringnalda and W. A. 9. Goddard, J. Am. Chem. Soc., 1994, 116, 11875-11882.
- B. Marten, K. Kim, C. Cortis, R. A. Friesner, R. B. Murphy, M. N. Ringnalda, D. Sitkoff and B. Honig, J. Phys. 10. Chem., 1996, 100, 11775-11788.
- 11. A. V. Marenich, C. J. Cramer and D. G. Truhlar, J. Phys. Chem. B, 2009, 113, 6378-6396.
- 12. K. A. Peterson and C. Puzzarini, Theor. Chem. Acc., 2005, 114, 283-296.
- 13. DFT-D3 A dispersion correction for density functionals, Hartree-Fock and semi-empirical quantum chemical methods, (2011) Universität Bonn.
- 14. S. Grimme, J. Comput. Chem., 2004, 25, 1463-1473.
- 15. S. Grimme, J. Comput. Chem., 2006, 27, 1787-1799.
- 16. S. Grimme, J. Chem. Phys., 2010, 132, 154104.

#### Alternative pathways to form the Cu-CF<sub>3</sub> bond

Three alternative pathways to form the Cu-CF<sub>3</sub> bond have been explored. The first one consists in the  $\sigma$ bond metathesis between **II**' and Me<sub>3</sub>Si(CF<sub>3</sub>); the second one implies the oxidative addition of Me<sub>3</sub>Si(CF<sub>3</sub>) onto **II**' and subsequent reductive elimination of Me<sub>3</sub>SiF (Scheme S1).



**Scheme S1.** σ-bond metathesis and oxidative addition/reductive elimination pathways leading to the formation of **III** (Cu(I), Cu(III); free energies in kcal/mol).

In both pathways in Scheme S1 the reaction starts with the replacement of iodide by fluoride, this step is slightly exergonic indicating that there may not be a barrier mediating this stage. As may be observed the transition state for the  $\sigma$ -bond metathesis (**Met\_TS**) is very high in energy (40.4 kcal/mol) and, thus, this possible route can be ruled out. In the second pathway, the reaction proceeds by the oxidative addition of Me<sub>3</sub>Si(CF<sub>3</sub>) onto the copper-fluoride intermediate **II**' to yield the copper (III) complex **III**' which may, in turn, reductively eliminate Me<sub>3</sub>SiF delivering the active catalyst **II**. Unfortunately, the barrier for the oxidative addition process is very high (38.9 kcal/mol) preventing the reaction to proceed through this pathway.

The last studied pathway (Scheme S2) involves the substitution of the iodide by  $Me_3Si(CF_3)F^-$  and direct trifluoromethyl group transfer in a  $S_N2$ -like fashion, with the  $CF_3$  group inverting its configuration. As may be seen the energy of the transition state is even higher (more than 100 kcal/mol) than those found previously, probably due to the unfavorable planarization of the  $CF_3$  moiety.

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**Scheme S2.** Oxidative addition/reductive elimination pathway leading to the formation of **III** (Cu(I), Cu(III); free energies in kcal/mol).

Additionally, the potential formation of an adduct between the  $CF_3$  group (obtained through the mechanism described in the main text) and a solvent molecule has been studied. However, 14.0 kcal/mol are required to bring both groups together (Scheme S3), indicating that this process is not favored.



Scheme S3. Formation of an adduct between  $CF_3^-$  and a solvent DMF molecule (free energies in kcal/mol).

#### Alternative pathway for aerobic oxidation of (phen)Cu(CF<sub>3</sub>)alkynyl

An alternative pathway for the aerobic oxidation was computed (Scheme S4); this process implies the addition of  $O_2$  to the hypothetical (phen)Cu(CF<sub>3</sub>)alkynyl species **IV**' (generated by the deprotonation of a Cu-coordinated terminal alkyne) to deliver the intermediate **V**'. This latter compound seems to be, in principle, a copper (II) complex since the O–O distance has been elongated to 1.34 Å, corresponding to a superoxo ligand and thus indicating that just one electron has been transferred from the metal to the  $O_2$  moiety. As may be seen, the aerobic oxidation of **IV**' is not very high (16.1 kcal/mol) but affords a copper (II) intermediate which does not allow to reductively eliminate the product and recover the starting copper (I) catalyst. In addition, if the reductive elimination was possible, the barrier should be added to the one mediating the transformation between **IV**' and **V**', surely affording an overall energy barrier higher than the one proposed in the main text.



**Scheme S4.** Aerobic oxidation of the hypothetical (phen)Cu(CF<sub>3</sub>)alkynyl species (Cu(I), Cu(II); free energies in kcal/mol relative to **IV'**).

**Table S1.** Computed free energy values and dispersion corrections terms for all the species involved in the catalytic cycles (in Hartrees).

Species	Free energy	Dispersion correction
PhCCH	-307.999059	-0.004231
Me <sub>3</sub> Si(CF <sub>3</sub> )	-746.330805	-0.006246
F	-99.944342	0.000000
Me <sub>3</sub> Si(CF <sub>3</sub> )F	-846.271861	-0.008270
Me <sub>3</sub> SiF	-508.748750	-0.004001
CF <sub>3</sub>	-337.530141	-0.000275
PhCCCF <sub>3</sub>	-644.838856	-0.005508
I.	-295.894330	0.000000
O <sub>2</sub>	-150.256524	-0.000001
OH	-75.866502	0.000000
Me <sub>3</sub> Si(CF <sub>3</sub> )OH <sup>-</sup>	-822.214906	-0.009130
Me <sub>3</sub> SiOH	-484.709283	-0.004642
Ι	-1064.117291	-0.014071
II	-1401.664839	-0.017942
III	-1105.780082	-0.014641
IV	-1256.028218	-0.017451
V	-2361.789322	-0.039325
TS_OO	-2361.775066	-0.040789
VI	-2361.805644	-0.043023
VII	-2669.791641	-0.054149
DPTS1	-2669.781453	-0.056044
VIII	-2669.787614	-0.057935
IX	-2977.773010	-0.073060
DPTS2	-2977.765689	-0.074033
Х	-1488.906750	-0.027050
RETS	-1488.883378	-0.027031
XI	-844.121247	-0.013813
II'	-868.170822	-0.013093
Met_TS	-1614.427976	-0.028592
OA'	-1614.428823	-0.030233
III'	-1614.453489	-0.028570
RE'	-1614.452180	-0.027985
TS_CF <sub>3</sub>	-1614.336278	-0.022207
CF <sub>3</sub> -DMF	-585.725767	-0.007862
IV'	-1413.301264	-0.022542
V'	-1563.527359	-0.027304

## **Optimized geometries**

Ph	ССН		
С	-3.254336	0.000004	-0.000001
H	-4.333564	0.000022	0.000000
C	-2.028092	-0.000014	0.000002
C	0 119483	-1 222938	0.000000
č	0.119471	1.222932	0.000000
С	1.520467	-1.216483	0.000001
Н	-0.430662	-2.169618	0.000000
С	1.520456	1.216491	0.000001
Н	-0.430683	2.169607	0.000000
С	2.225105	0.000008	0.000001
н	2.064954	-2.16/05/	0.000001
п	2.004932	2.10/0/0	0.000001
11	5.520575	0.000015	0.000002
M	aSi(CEa)		
Si	-0.885009	0 000894	-0.000060
C	-1.392226	-0.899112	1.598736
Н	-1.013644	-1.936479	1.611344
Н	-1.007415	-0.377511	2.492889
С	-1.392002	1.835622	-0.020999
Н	-2.493586	1.925284	-0.025572
Н	-1.011879	2.365825	0.870157
С	-1.392737	-0.936013	-1.577295
Н	-1.013791	-0.431643	-2.483764
Н	-2.494559	-0.982371	-1.651422
C	1.09/985	-0.000038	-0.000098
F	1.645454	0.613451	-1.112104
Г Г	1.043122	-1.2/0005	0.024394
н	-1 005684	2 347014	-0.920407
н	-1.009256	-1 971643	-1 569411
Н	-2.493983	-0.938701	1.677663
Me	e <sub>3</sub> Si(CF <sub>3</sub> )F	-	
С	0.866410	-0.505993	1.859158
Н	-0.121394	-0.612121	2.339861
Η	1.402756	-1.466998	1.962948
С	0.870073	1.865924	-0.500823
Н	1.274453	2.455595	0.343542
Н	-0.103507	2.301102	-0.783996
E	-1.320/03	-0.001215	-0.002254
Г F	-1.926079	0.011221	-1.229323
F	-1.911002	-1 224475	0.889732
Si	0 785582	-0.000459	-0.005004
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Н	-0.098797	-1.686897	-1.758902
Н	1.483400	-0.995399	-2.225397
F	2.753486	0.005706	0.013649
Н	1.566470	1.995916	-1.348426
Н	1.403533	-2.251189	-0.970547
Н	1.443568	0.248761	2.424201
М	C C F		
	2351F	0 007222	0 526120
с ц	-1.039031	-0.00/323	-0.520120
Н	-1 709761	-1 843855	-0.150543
C	0.118960	1.823380	-0.521092
Н	-0.735473	2.402911	-0.128135
Н	0.113041	1.915818	-1.622979
Si	-0.000153	-0.000531	-0.014834
С	1.521241	-1.012404	-0.525076
Н	1.600583	-1.054842	-1.627014
н	2.450468	-0.558185	-0.136770

F H H H	-0.001015 1.052115 1.458015 -2.503141	-0.003665 2.283262 -2.049508 -0.237708	1.708166 -0.149138 -0.149663 -0.139546
CF C F F F	-0.000207 0.958505 -1.219107 0.260740	-0.000494 -0.853815 -0.402526 1.256670	0.558714 -0.124200 -0.124242 -0.124034
Ph CCCCCHCHCHHHCFFF	CCCF <sub>3</sub> -1.330725 -0.105042 1.318912 2.029841 2.029392 3.429607 1.477346 3.429162 1.476541 4.131058 3.975871 3.975073 5.226432 -2.775755 -3.297855 -3.297658 -3.297658 -3.301159	0.000723 0.000382 0.000190 1.227123 -1.227008 1.218187 2.171972 -1.218593 -2.171649 -0.000333 2.167331 -2.167940 -0.000533 0.000121 -1.074454 1.125801 -0.051784	-0.003700 0.001294 0.001394 0.000944 0.001007 -0.000072 0.001303 -0.000022 0.001413 -0.000634 -0.000524 -0.000449 -0.001523 -0.001317 -0.678625 -0.589201 1.268539
$\begin{array}{c} O_2 \\ O \\ O \end{array}$	0.000000 0.000000	0.000000 0.000000	0.614229 -0.614229
OF O H	I 0.000000 0.000000	$0.000000 \\ 0.000000$	0.109033 -0.872262
Me C H H C H H C F F F F	<ul> <li>3Si(CF<sub>3</sub>)OI</li> <li>-0.779942</li> <li>0.010943</li> <li>-0.543125</li> <li>-0.875341</li> <li>-1.115482</li> <li>0.090715</li> <li>1.333299</li> <li>1.965030</li> <li>1.974002</li> </ul>	F 1.937125 2.355708 2.231115 -0.873207 -0.140698 -1.344283 -0.007323 -1.276662	-0.124762 0.522294 -1.165041 1.738030 2.532002 1.991198 0.002794 0.050910
Si C H H H H H O H	1.974093 1.939124 -0.911859 -0.846774 0.106327 -1.663027 -1.659114 -1.010182 -1.744425 -2.797519 -3.218127	0.677294 0.581666 0.008852 -1.126881 -1.668472 -1.873129 -1.652774 -0.506540 2.400726 0.170993 -0.712503	1.068396 -1.138019 0.008873 -1.567823 -1.697291 -1.540702 1.775297 -2.469899 0.145645 -0.033862 -0.067844

0.001332 0.027312
Н -1.817289 -0.000467 -1.732471
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H 0.424789 -2.481081 -0.206504
Н -2.342061 0.892666 -0.276652
Н 1.963271 1.584294 -0.110913
O -0.188322 -0.000876 1.754485
Н 0.672351 -0.003286 2.223170
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N 0.657932 1.355642 0.075012
N 0.657923 -1.355633 0.074949
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C 1.814909 3.478522 0.028324
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C 3.106327 1.427832 -0.038015
C 3.106321 -1.427834 -0.037996
C 1.868579 -0.722946 0.017696
Н -0.345697 3.168202 0.130092
H 1.735446 4.568941 0.035649
Н 3.979827 3.422544 -0.076396
Н 5.277953 1.245127 -0.142628
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Н 3.979815 -3.422550 -0.076323
Н 1.735427 -4.568936 0.035680
H _0 3/5717 _3 168180 0 120083
11 -0.5+5/17 -5.100107 0.127705
I -3.434337 0.000008 -0.052128
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II -0.343717 -0.108189 -0.129989 I -3.434337 0.000008 -0.052128 II Cu -0.775753 0.091876 0.709213
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II -0.343717 -0.108189 -0.129989 I -3.434337 0.000008 -0.052128 II Cu -0.775753 0.091876 0.709213 N 0.794855 1.378206 0.087488 N 0.782401 -1.294203 0.460457 C 0.784616 2.706471 -0.105087 C 1.947807 3.454302 -0.382275 C 3.173575 2.801483 -0.464334
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II -0.343717 -0.108189 -0.129989 I -3.434337 0.000008 -0.052128 II Cu -0.775753 0.091876 0.709213 N 0.794855 1.378206 0.087488 N 0.782401 -1.294203 0.460457 C 0.784616 2.706471 -0.105087 C 1.947807 3.454302 -0.382275 C 3.173575 2.801483 -0.464334 C 4.439886 0.632473 -0.349558 C 4.431681 -0.729640 -0.171620 C 3.142508 -2.839677 0.279830 C 1.910932 -3.434887 0.533369 C 0.758120 -2.627544 0.618866 C 1.994964 0.727808 0.002753
II -0.343717 -0.108189 -0.129989 I -3.434337 0.000008 -0.052128 II Cu -0.775753 0.091876 0.709213 N 0.794855 1.378206 0.087488 N 0.782401 -1.294203 0.460457 C 0.784616 2.706471 -0.105087 C 1.947807 3.454302 -0.382275 C 3.173575 2.801483 -0.464334 C 4.439886 0.632473 -0.349558 C 4.431681 -0.729640 -0.171620 C 3.142508 -2.839677 0.279830 C 1.910932 -3.434887 0.533369 C 0.758120 -2.627544 0.618866 C 1.994964 0.727808 0.002753 C 3.224510 1.397742 -0.273158
II -0.343717 -0.108189 -0.129989 I -3.434337 0.000008 -0.052128 II Cu -0.775753 0.091876 0.709213 N 0.794855 1.378206 0.087488 N 0.782401 -1.294203 0.460457 C 0.784616 2.706471 -0.105087 C 1.947807 3.454302 -0.382275 C 3.173575 2.801483 -0.464334 C 4.439886 0.632473 -0.349558 C 4.431681 -0.729640 -0.171620 C 3.142508 -2.839677 0.279830 C 1.910932 -3.434887 0.533369 C 0.758120 -2.627544 0.618866 C 1.994964 0.727808 0.002753 C 3.224510 1.397742 -0.273158 C 3.208402 -1.434909 0.102019
II -0.343717 -0.108189 -0.129989 I -3.434337 0.000008 -0.052128 II Cu -0.775753 0.091876 0.709213 N 0.794855 1.378206 0.087488 N 0.782401 -1.294203 0.460457 C 0.784616 2.706471 -0.105087 C 1.947807 3.454302 -0.382275 C 3.173575 2.801483 -0.464334 C 4.439886 0.632473 -0.349558 C 4.431681 -0.729640 -0.171620 C 3.142508 -2.839677 0.279830 C 1.910932 -3.434887 0.533369 C 0.758120 -2.627544 0.618866 C 1.994964 0.727808 0.002753 C 3.224510 1.397742 -0.273158 C 3.208402 -1.434909 0.102019 C 1.987400 -0.702307 0.195507
II -0.343717 -0.108189 -0.129789 I -3.434337 0.000008 -0.052128 II Cu -0.775753 0.091876 0.709213 N 0.794855 1.378206 0.087488 N 0.782401 -1.294203 0.460457 C 0.784616 2.706471 -0.105087 C 1.947807 3.454302 -0.382275 C 3.173575 2.801483 -0.464334 C 4.439886 0.632473 -0.349558 C 4.431681 -0.729640 -0.171620 C 3.142508 -2.839677 0.279830 C 1.910932 -3.434887 0.533369 C 0.758120 -2.627544 0.618866 C 1.994964 0.727808 0.002753 C 3.224510 1.397742 -0.273158 C 3.208402 -1.434909 0.102019 C 1.987400 -0.702307 0.195507 H -0.192146 3.196788 -0.035836
II -0.343717 -0.108189 -0.129989 I -3.434337 0.000008 -0.052128 II Cu -0.775753 0.091876 0.709213 N 0.794855 1.378206 0.087488 N 0.782401 -1.294203 0.460457 C 0.784616 2.706471 -0.105087 C 1.947807 3.454302 -0.382275 C 3.173575 2.801483 -0.464334 C 4.439886 0.632473 -0.349558 C 4.431681 -0.729640 -0.171620 C 3.142508 -2.839677 0.279830 C 1.910932 -3.434887 0.533369 C 0.758120 -2.627544 0.618866 C 1.994964 0.727808 0.002753 C 3.224510 1.397742 -0.273158 C 3.208402 -1.434909 0.102019 C 1.987400 -0.702307 0.195507 H -0.192146 3.196788 -0.035836 H 1.870345 4.535200 -0.529353
II -0.343717 -0.108183 -0.129783 I -3.434337 0.000008 -0.052128 II Cu -0.775753 0.091876 0.709213 N 0.794855 1.378206 0.087488 N 0.782401 -1.294203 0.460457 C 0.784616 2.706471 -0.105087 C 1.947807 3.454302 -0.382275 C 3.173575 2.801483 -0.464334 C 4.439886 0.632473 -0.349558 C 4.431681 -0.729640 -0.171620 C 3.142508 -2.839677 0.279830 C 1.910932 -3.434887 0.533369 C 0.758120 -2.627544 0.618866 C 1.994964 0.727808 0.002753 C 3.224510 1.397742 -0.273158 C 3.208402 -1.434909 0.102019 C 1.987400 -0.702307 0.195507 H -0.192146 3.196788 -0.035836 H 1.870345 4.535200 -0.529353 H 4.095687 3.352567 -0.676826
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II $-0.343717$ $-0.108169$ $-0.129769$ I $-3.434337$ $0.000008$ $-0.052128$ II Cu $-0.775753$ $0.091876$ $0.709213$ N $0.794855$ $1.378206$ $0.087488$ N $0.782401$ $-1.294203$ $0.460457$ C $0.784616$ $2.706471$ $-0.105087$ C $1.947807$ $3.454302$ $-0.382275$ C $3.173575$ $2.801483$ $-0.464334$ C $4.439886$ $0.632473$ $-0.349558$ C $4.431681$ $-0.729640$ $-0.171620$ C $3.142508$ $-2.839677$ $0.279830$ C $1.910932$ $-3.434887$ $0.533369$ C $0.758120$ $-2.627544$ $0.618866$ C $1.994964$ $0.727808$ $0.002753$ C $3.224510$ $1.397742$ $-0.273158$ C $3.208402$ $-1.434909$ $0.102019$ C $1.987400$ $-0.702307$ $0.195507$ H $-0.192146$ $3.196788$ $-0.035836$ H $1.870345$ $4.535200$ $-0.529353$ H $4.095687$ $3.352567$ $-0.676826$ H $5.375362$ $1.162293$ $-0.558262$ H $5.360325$ $-1.306439$ $-0.236459$ H $4.057816$ $-3.436815$ $0.212523$ H $1.821267$ $-4.516044$ $0.671075$ H $-0.221263$ $-3.071698$ $0.825118$ C $-2.148801$ $0.333650$ $2.032098$
II $-0.343717$ $-0.108169$ $-0.129769$ I $-3.434337$ $0.000008$ $-0.052128$ II Cu $-0.775753$ $0.091876$ $0.709213$ N $0.794855$ $1.378206$ $0.087488$ N $0.782401$ $-1.294203$ $0.460457$ C $0.784616$ $2.706471$ $-0.105087$ C $1.947807$ $3.454302$ $-0.382275$ C $3.173575$ $2.801483$ $-0.464334$ C $4.439886$ $0.632473$ $-0.349558$ C $4.431681$ $-0.729640$ $-0.171620$ C $3.142508$ $-2.839677$ $0.279830$ C $1.910932$ $-3.434887$ $0.533369$ C $0.758120$ $-2.627544$ $0.618866$ C $1.994964$ $0.727808$ $0.002753$ C $3.224510$ $1.397742$ $-0.273158$ C $3.208402$ $-1.434909$ $0.102019$ C $1.987400$ $-0.702307$ $0.195507$ H $-0.192146$ $3.196788$ $-0.035836$ H $1.870345$ $4.535200$ $-0.529353$ H $4.095687$ $3.352567$ $-0.676826$ H $5.375362$ $1.162293$ $-0.558262$ H $5.360325$ $-1.306439$ $-0.236459$ H $4.057816$ $-3.436815$ $0.212523$ H $1.821267$ $-4.516044$ $0.671075$ H $-0.221263$ $-3.071698$ $0.825118$ C $-2.148801$ $0.333650$ $2.032098$ F $-1.697677$ $0.682494$ $3.320087$
II $-0.343717$ $-0.103137$ $0.129733$ I $-3.434337$ $0.000008$ $-0.052128$ II Cu $-0.775753$ $0.091876$ $0.709213$ N $0.794855$ $1.378206$ $0.087488$ N $0.782401$ $-1.294203$ $0.460457$ C $0.784616$ $2.706471$ $-0.105087$ C $1.947807$ $3.454302$ $-0.382275$ C $3.173575$ $2.801483$ $-0.464334$ C $4.439886$ $0.632473$ $-0.349558$ C $4.431681$ $-0.729640$ $-0.171620$ C $3.142508$ $-2.839677$ $0.279830$ C $1.910932$ $-3.434887$ $0.533369$ C $0.758120$ $-2.627544$ $0.618866$ C $1.994964$ $0.727808$ $0.002753$ C $3.224510$ $1.397742$ $-0.273158$ C $3.208402$ $-1.434909$ $0.102019$ C $1.987400$ $-0.702307$ $0.195507$ H $-0.192146$ $3.196788$ $-0.035836$ H $1.870345$ $4.535200$ $-0.529353$ H $4.095687$ $3.352567$ $-0.676826$ H $5.375362$ $1.162293$ $-0.558262$ H $5.360325$ $-1.306439$ $-0.236459$ H $4.057816$ $-3.436815$ $0.212523$ H $1.821267$ $-4.516044$ $0.671075$ H $-0.221263$ $-3.071698$ $0.825118$ C $-2.148801$ $0.333650$ $2.032098$ F $-1.697677$ $0.682494$ $3.320087$ F $-2.965937$ $-0.788340$ $2.284620$
II $-0.343717$ $-0.103137$ $-0.129733$ I $-3.434337$ $0.000008$ $-0.052128$ II Cu $-0.775753$ $0.091876$ $0.709213$ N $0.794855$ $1.378206$ $0.087488$ N $0.782401$ $-1.294203$ $0.460457$ C $0.784616$ $2.706471$ $-0.105087$ C $1.947807$ $3.454302$ $-0.382275$ C $3.173575$ $2.801483$ $-0.464334$ C $4.439886$ $0.632473$ $-0.349558$ C $4.431681$ $-0.729640$ $-0.171620$ C $3.142508$ $-2.839677$ $0.279830$ C $1.910932$ $-3.434887$ $0.533369$ C $0.758120$ $-2.627544$ $0.618866$ C $1.994964$ $0.727808$ $0.002753$ C $3.224510$ $1.397742$ $-0.273158$ C $3.208402$ $-1.434909$ $0.102019$ C $1.987400$ $-0.702307$ $0.195507$ H $-0.192146$ $3.196788$ $-0.035836$ H $1.870345$ $4.535200$ $-0.529353$ H $4.095687$ $3.352567$ $-0.676826$ H $5.375362$ $1.162293$ $-0.558262$ H $5.360325$ $-1.306439$ $-0.236459$ H $4.057816$ $-3.436815$ $0.212523$ H $1.821267$ $-4.516044$ $0.671075$ H $-0.221263$ $-3.071698$ $0.825118$ C $-2.148801$ $0.333650$ $2.032098$ F $-1.697677$ $0.682494$ $3.320087$ F $-2.965937$ $-0.788340$ $2.284620$ F $-3.096057$ $1.341191$ $1.756092$
II $-0.343717$ $-0.103137$ $0.129733$ I $-3.434337$ $0.000008$ $-0.052128$ II Cu $-0.775753$ $0.091876$ $0.709213$ N $0.794855$ $1.378206$ $0.087488$ N $0.782401$ $-1.294203$ $0.460457$ C $0.784616$ $2.706471$ $-0.105087$ C $1.947807$ $3.454302$ $-0.382275$ C $3.173575$ $2.801483$ $-0.464334$ C $4.439886$ $0.632473$ $-0.349558$ C $4.431681$ $-0.729640$ $-0.171620$ C $3.142508$ $-2.839677$ $0.279830$ C $1.910932$ $-3.434887$ $0.533369$ C $0.758120$ $-2.627544$ $0.618866$ C $1.994964$ $0.727808$ $0.002753$ C $3.224510$ $1.397742$ $-0.273158$ C $3.208402$ $-1.434909$ $0.102019$ C $1.987400$ $-0.702307$ $0.195507$ H $-0.192146$ $3.196788$ $-0.035836$ H $1.870345$ $4.535200$ $-0.529353$ H $4.095687$ $3.352567$ $-0.676826$ H $5.375362$ $1.162293$ $-0.558262$ H $5.360325$ $-1.306439$ $-0.236459$ H $4.057816$ $-3.436815$ $0.212523$ H $1.821267$ $-4.516044$ $0.671075$ H $-0.221263$ $-3.071698$ $0.825118$ C $-2.148801$ $0.333650$ $2.032098$ F $-1.697677$ $0.682494$ $3.320087$ F $-2.965937$ $-0.788340$ $2.284620$ F $-3.096057$ $1.341191$ $1.756092$ I $-2.151092$ $-0.301815$ $-1.932688$

III

Cu -1.399125 -0.020370 0.090124

Ν	0.208197	1.339558	0.098301
Ν	0.227919	-1.350215	0.096234
C	0.173232	2.679731	0.107848
C	1.338164	3.47/861	0.043459
C	2.582075	2.861116	-0.034872
C	3.893018	0.710823	-0.117900
C	3.903337	-0.664676	-0.11/8/4
C	2.625/23	-2.834852	-0.035398
C	1.391469	-3.4/0/04	0.042261
C	0.214110	-2.690956	0.105656
C	1.425913	0./26451	0.025/9/
C	2.656060	1.445208	-0.043937
C	2.677652	-1.4159/6	-0.044258
C	1.436585	-0./18260	0.025305
п	-0.818/84	3.139/09	0.10/052
п	1.244833	4.30/833	0.054620
п	3.303390	5.451557 1 275456	-0.088508
п	4.850181	1.2/3430	-0.1/50/4
п	4.040009	-1.213127	-0.1/3133
п	3.330107	-5.410977	-0.060310
п	1.313122	-4.302013	0.055419
С	-0.770427	-3.100098	0.104329
E	-3.302307	-0.000485	-0.008012
Г Г	-5.880557	1.1095/5	-0./41/05
Г Г	-4.02/33/	-0.014810	1.133934
г	-3.9004/3	-1.094550	-0./0920/
w			
	1 260206	0 267299	0.020201
	1 042007	-0.20/388	-0.029201
0	-1.043997	-1.204907	1 820027
C	-1.903030	-1.110304	1.620937
E	-3.004447	0.234494	-0.009780
F	-3.781137	0.032470	1 837787
F	-3.072827	-0.810051	-0.838649
Г С	1 147655	2 552707	0.313755
c	2 437666	3 055934	0.166438
c	0.056086	2 655188	0.100458
н	0.050080	2.033100 A 624652	0.277004
C	2 633198	1 658930	0.003590
н	3 305037	3 725334	0.173259
N	0.208763	1 334347	0.179257
н	-0.972613	3 016361	0.406871
$\hat{\mathbf{C}}$	3 927773	1 051433	-0 155772
č	1 468951	0.835265	0.001923
C	4 056262	-0 309493	-0.305713
н	4 811607	1 698806	-0 153825
C	1.604381	-0.594750	-0.162395
Ċ	2.901146	-1.167756	-0.312662
Н	5.043921	-0.767869	-0.425650
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Cı Cı	ı 1.595978 ı -1.596853	0.676643	-0.688935 0.691224
Cı Cı O	1 1.595978 1 -1.596853 -0.292030	0.676643 -0.677964 0.154608	-0.688935 0.691224 -0.647041
Cı Cı O O	1 1.595978 1 -1.596853 -0.292030 0.291352	0.676643 -0.677964 0.154608 -0.156460	-0.688935 0.691224 -0.647041 0.649487
Cı Cı O O C	1 1.595978 1 -1.596853 -0.292030 0.291352 -1.816649	0.676643 -0.677964 0.154608 -0.156460 -1.642161	-0.688935 0.691224 -0.647041 0.649487 2.388489
Ci Ci O O C C	1 1.595978 1 -1.596853 -0.292030 0.291352 -1.816649 1.814569	0.676643 -0.677964 0.154608 -0.156460 -1.642161 1.641035	-0.688935 0.691224 -0.647041 0.649487 2.388489 -2.386379
Cı Cı O O C C F	1 1.595978 1 -1.596853 -0.292030 0.291352 -1.816649 1.814569 1.344205	0.676643 -0.677964 0.154608 -0.156460 -1.642161 1.641035 0.973325	-0.688935 0.691224 -0.647041 0.649487 2.388489 -2.386379 -3.529532
Ci Ci O O C C F F F	1 1.595978 1-1.596853 -0.292030 0.291352 -1.816649 1.814569 1.344205 3.142008	0.676643 -0.677964 0.154608 -0.156460 -1.642161 1.641035 0.973325 1.954210	-0.688935 0.691224 -0.647041 0.649487 2.388489 -2.386379 -3.529532 -2.725130

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H $2.1/0055 - 3.1884// - 1.205302$
H 4.244492 -4.551255 -0.728540
VII
V II $C_{11} = 1.433304 = 0.544097 = 0.606893$
$C_{11} = 0.757038 = 1.210487 = 0.000895$
$O_{-1.061432} = 1.370838 = 1.023360$
C = 0.919763 - 2.075076 - 2.702630
C -1.585481 0.176247 -2.429379
F -0.827362 1.304624 -2.664137
F -2.863760 0.523880 -2.849984
F -1.153887 -0.754723 -3.371627
F 2.176550 -2.578198 3.019255
F 0.065455 -3.140059 2.895684
F 0.631678 -1.187243 3.735617
Н 4.747326 1.767070 1.745245
C 4.446387 0.830308 1.267985
C 4.446387 0.830308 1.267985 C 3.116942 0.382343 1.402632
C 4.446387 0.830308 1.267985 C 3.116942 0.382343 1.402632 C 5.339464 0.071776 0.521881
C 4.446387 0.830308 1.267985 C 3.116942 0.382343 1.402632 C 5.339464 0.071776 0.521881 N 2.684430 -0.757160 0.843226
C 4.446387 0.830308 1.267985 C 3.116942 0.382343 1.402632 C 5.339464 0.071776 0.521881 N 2.684430 -0.757160 0.843226 H 2.380313 0.955613 1.972861 C 4.005358 1.120053 0.074006
C 4.446387 0.830308 1.267985 C 3.116942 0.382343 1.402632 C 5.339464 0.071776 0.521881 N 2.684430 -0.757160 0.843226 H 2.380313 0.955613 1.972861 C 4.905358 -1.139953 -0.074006 H 6.377990 0.393420 0.387672
C 4.446387 0.830308 1.267985 C 3.116942 0.382343 1.402632 C 5.339464 0.071776 0.521881 N 2.684430 -0.757160 0.843226 H 2.380313 0.955613 1.972861 C 4.905358 -1.139953 -0.074006 H 6.377990 0.393420 0.387672 C 3.545617 -1.534620 0.121362
C 4.446387 0.830308 1.267985 C 3.116942 0.382343 1.402632 C 5.339464 0.071776 0.521881 N 2.684430 -0.757160 0.843226 H 2.380313 0.955613 1.972861 C 4.905358 -1.139953 -0.074006 H 6.377990 0.393420 0.387672 C 3.545617 -1.534620 0.121362 C 5.779898 -1.972071 -0.856231
C 4.446387 0.830308 1.267985 C 3.116942 0.382343 1.402632 C 5.339464 0.071776 0.521881 N 2.684430 -0.757160 0.843226 H 2.380313 0.955613 1.972861 C 4.905358 -1.139953 -0.074006 H 6.377990 0.393420 0.387672 C 3.545617 -1.534620 0.121362 C 5.779898 -1.972071 -0.856231 C 3.073145 -2.783079 -0.445163
C 4.446387 0.830308 1.267985 C 3.116942 0.382343 1.402632 C 5.339464 0.071776 0.521881 N 2.684430 -0.757160 0.843226 H 2.380313 0.955613 1.972861 C 4.905358 -1.139953 -0.074006 H 6.377990 0.393420 0.387672 C 3.545617 -1.534620 0.121362 C 5.779898 -1.972071 -0.856231 C 3.073145 -2.783079 -0.445163 C 5.330501 -3.144876 -1.412808
C 4.446387 0.830308 1.267985 C 3.116942 0.382343 1.402632 C 5.339464 0.071776 0.521881 N 2.684430 -0.757160 0.843226 H 2.380313 0.955613 1.972861 C 4.905358 -1.139953 -0.074006 H 6.377990 0.393420 0.387672 C 3.545617 -1.534620 0.121362 C 5.779898 -1.972071 -0.856231 C 3.073145 -2.783079 -0.445163 C 5.330501 -3.144876 -1.412808 H 6.815748 -1.644517 -0.996553
C 4.446387 0.830308 1.267985 C 3.116942 0.382343 1.402632 C 5.339464 0.071776 0.521881 N 2.684430 -0.757160 0.843226 H 2.380313 0.955613 1.972861 C 4.905358 -1.139953 -0.074006 H 6.377990 0.393420 0.387672 C 3.545617 -1.534620 0.121362 C 5.779898 -1.972071 -0.856231 C 3.073145 -2.783079 -0.445163 C 5.330501 -3.144876 -1.412808 H 6.815748 -1.644517 -0.996553 N 1.786375 -3.145911 -0.204612
C 4.446387 0.830308 1.267985 C 3.116942 0.382343 1.402632 C 5.339464 0.071776 0.521881 N 2.684430 -0.757160 0.843226 H 2.380313 0.955613 1.972861 C 4.905358 -1.139953 -0.074006 H 6.377990 0.393420 0.387672 C 3.545617 -1.534620 0.121362 C 5.779898 -1.972071 -0.856231 C 3.073145 -2.783079 -0.445163 C 5.330501 -3.144876 -1.412808 H 6.815748 -1.644517 -0.996553 N 1.786375 -3.145911 -0.204612 C 3.974078 -3.580144 -1.218714
C 4.446387 0.830308 1.267985 C 3.116942 0.382343 1.402632 C 5.339464 0.071776 0.521881 N 2.684430 -0.757160 0.843226 H 2.380313 0.955613 1.972861 C 4.905358 -1.139953 -0.074006 H 6.377990 0.393420 0.387672 C 3.545617 -1.534620 0.121362 C 5.779898 -1.972071 -0.856231 C 3.073145 -2.783079 -0.445163 C 5.330501 -3.144876 -1.412808 H 6.815748 -1.644517 -0.996553 N 1.786375 -3.145911 -0.204612 C 3.974078 -3.580144 -1.218714 H 6.000836 -3.773381 -2.009637
C 4.446387 0.830308 1.267985 C 3.116942 0.382343 1.402632 C 5.339464 0.071776 0.521881 N 2.684430 -0.757160 0.843226 H 2.380313 0.955613 1.972861 C 4.905358 -1.139953 -0.074006 H 6.377990 0.393420 0.387672 C 3.545617 -1.534620 0.121362 C 5.779898 -1.972071 -0.856231 C 3.073145 -2.783079 -0.445163 C 5.330501 -3.144876 -1.412808 H 6.815748 -1.644517 -0.996553 N 1.786375 -3.145911 -0.204612 C 3.974078 -3.580144 -1.218714 H 6.000836 -3.773381 -2.009637 C 1.343185 -4.293185 -0.722849
C 4.446387 0.830308 1.267985 C 3.116942 0.382343 1.402632 C 5.339464 0.071776 0.521881 N 2.684430 -0.757160 0.843226 H 2.380313 0.955613 1.972861 C 4.905358 -1.139953 -0.074006 H 6.377990 0.393420 0.387672 C 3.545617 -1.534620 0.121362 C 5.779898 -1.972071 -0.856231 C 3.073145 -2.783079 -0.445163 C 5.330501 -3.144876 -1.412808 H 6.815748 -1.644517 -0.996553 N 1.786375 -3.145911 -0.204612 C 3.974078 -3.580144 -1.218714 H 6.000836 -3.773381 -2.009637 C 1.343185 -4.293185 -0.722849 C 3.467533 -4.792299 -1.757731
C 4.446387 0.830308 1.267985 C 3.116942 0.382343 1.402632 C 5.339464 0.071776 0.521881 N 2.684430 -0.757160 0.843226 H 2.380313 0.955613 1.972861 C 4.905358 -1.139953 -0.074006 H 6.377990 0.393420 0.387672 C 3.545617 -1.534620 0.121362 C 5.779898 -1.972071 -0.856231 C 3.073145 -2.783079 -0.445163 C 5.330501 -3.144876 -1.412808 H 6.815748 -1.644517 -0.996553 N 1.786375 -3.145911 -0.204612 C 3.974078 -3.580144 -1.218714 H 6.000836 -3.773381 -2.009637 C 1.343185 -4.293185 -0.722849 C 3.467533 -4.792299 -1.757731 C 2.147711 -5.150796 -1.511379
C 4.446387 0.830308 1.267985 C 3.116942 0.382343 1.402632 C 5.339464 0.071776 0.521881 N 2.684430 -0.757160 0.843226 H 2.380313 0.955613 1.972861 C 4.905358 -1.139953 -0.074006 H 6.377990 0.393420 0.387672 C 3.545617 -1.534620 0.121362 C 5.779898 -1.972071 -0.856231 C 3.073145 -2.783079 -0.445163 C 5.330501 -3.144876 -1.412808 H 6.815748 -1.644517 -0.996553 N 1.786375 -3.145911 -0.204612 C 3.974078 -3.580144 -1.218714 H 6.000836 -3.773381 -2.009637 C 1.343185 -4.293185 -0.722849 C 3.467533 -4.792299 -1.757731 C 2.147711 -5.150796 -1.511379 H 0.299246 -4.552806 -0.506338
C 4.446387 0.830308 1.267985 C 3.116942 0.382343 1.402632 C 5.339464 0.071776 0.521881 N 2.684430 -0.757160 0.843226 H 2.380313 0.955613 1.972861 C 4.905358 -1.139953 -0.074006 H 6.377990 0.393420 0.387672 C 3.545617 -1.534620 0.121362 C 5.779898 -1.972071 -0.856231 C 3.073145 -2.783079 -0.445163 C 5.330501 -3.144876 -1.412808 H 6.815748 -1.644517 -0.996553 N 1.786375 -3.145911 -0.204612 C 3.974078 -3.580144 -1.218714 H 6.000836 -3.773381 -2.009637 C 1.343185 -4.293185 -0.722849 C 3.467533 -4.792299 -1.757731 C 2.147711 -5.150796 -1.511379 H 0.299246 -4.552806 -0.506338 H 4.125306 -5.430161 -2.358755
C 4.446387 0.830308 1.267985 C 3.116942 0.382343 1.402632 C 5.339464 0.071776 0.521881 N 2.684430 -0.757160 0.843226 H 2.380313 0.955613 1.972861 C 4.905358 -1.139953 -0.074006 H 6.377990 0.393420 0.387672 C 3.545617 -1.534620 0.121362 C 5.779898 -1.972071 -0.856231 C 3.073145 -2.783079 -0.445163 C 5.330501 -3.144876 -1.412808 H 6.815748 -1.644517 -0.996553 N 1.786375 -3.145911 -0.204612 C 3.974078 -3.580144 -1.218714 H 6.000836 -3.773381 -2.009637 C 1.343185 -4.293185 -0.722849 C 3.467533 -4.792299 -1.757731 C 2.147711 -5.150796 -1.511379 H 0.299246 -4.552806 -0.506338 H 4.125306 -5.430161 -2.358755 H 1.726277 -6.078217 -1.911325 C -4.848459 -3.001946 0.871185
C $4.446387$ $0.830308$ $1.267985$ C $3.116942$ $0.382343$ $1.402632$ C $5.339464$ $0.071776$ $0.521881$ N $2.684430$ $-0.757160$ $0.843226$ H $2.380313$ $0.955613$ $1.972861$ C $4.905358$ $-1.139953$ $-0.074006$ H $6.377990$ $0.393420$ $0.387672$ C $3.545617$ $-1.534620$ $0.121362$ C $5.779898$ $-1.972071$ $-0.856231$ C $3.073145$ $-2.783079$ $-0.445163$ C $5.330501$ $-3.144876$ $-1.412808$ H $6.815748$ $-1.644517$ $-0.996553$ N $1.786375$ $-3.145911$ $-0.204612$ C $3.974078$ $-3.580144$ $-1.218714$ H $6.000836$ $-3.773381$ $-2.009637$ C $1.343185$ $-4.293185$ $-0.722849$ C $3.467533$ $-4.792299$ $-1.57131$ C $2.147711$ $-5.150796$ $-1.511379$ H $0.299246$ $-4.552806$ $-0.506338$ H $4.125306$ $-5.430161$ $-2.358755$ H $1.726277$ $-6.078217$ $-1.911325$ C $-4.848459$ $-3.001946$ $-0.871185$
C $4.446387$ $0.830308$ $1.267985$ C $3.116942$ $0.382343$ $1.402632$ C $5.339464$ $0.071776$ $0.521881$ N $2.684430$ $-0.757160$ $0.843226$ H $2.380313$ $0.955613$ $1.972861$ C $4.905358$ $-1.139953$ $-0.074006$ H $6.377990$ $0.393420$ $0.387672$ C $3.545617$ $-1.534620$ $0.121362$ C $5.779898$ $-1.972071$ $-0.856231$ C $3.073145$ $-2.783079$ $-0.445163$ C $5.330501$ $-3.144876$ $-1.412808$ H $6.815748$ $-1.644517$ $-0.996553$ N $1.786375$ $-3.145911$ $-0.204612$ C $3.974078$ $-3.580144$ $-1.218714$ H $6.000836$ $-3.773381$ $-2.009637$ C $1.343185$ $-4.293185$ $-0.722849$ C $3.467533$ $-4.792299$ $-1.757731$ C $2.147711$ $-5.150796$ $-1.511379$ H $0.299246$ $-4.552806$ $-0.506338$ H $4.125306$ $-5.430161$ $-2.358755$ H $1.726277$ $-6.078217$ $-1.911325$ C $-4.848459$ $-3.001946$ $-0.871185$ C $-5.889762$ $-2.239737$ $-0.356261$ C $-3.561387$ $-2.433932$ $-0.950041$
C 4.446387 0.830308 1.267985 C 3.116942 0.382343 1.402632 C 5.339464 0.071776 0.521881 N 2.684430 -0.757160 0.843226 H 2.380313 0.955613 1.972861 C 4.905358 -1.139953 -0.074006 H 6.377990 0.393420 0.387672 C 3.545617 -1.534620 0.121362 C 5.779898 -1.972071 -0.856231 C 3.073145 -2.783079 -0.445163 C 5.330501 -3.144876 -1.412808 H 6.815748 -1.644517 -0.996553 N 1.786375 -3.145911 -0.204612 C 3.974078 -3.580144 -1.218714 H 6.000836 -3.773381 -2.009637 C 1.343185 -4.293185 -0.722849 C 3.467533 -4.792299 -1.757731 C 2.147711 -5.150796 -1.511379 H 0.299246 -4.552806 -0.506338 H 4.125306 -5.430161 -2.358755 H 1.726277 -6.078217 -1.911325 C -4.848459 -3.001946 -0.871185 C -5.889762 -2.239737 -0.356261 C -3.561387 -2.433932 -0.950041 H -5.003799 -4.028591 -1.214181
C 4.446387 0.830308 1.267985 C 3.116942 0.382343 1.402632 C 5.339464 0.071776 0.521881 N 2.684430 -0.757160 0.843226 H 2.380313 0.955613 1.972861 C 4.905358 -1.139953 -0.074006 H 6.377990 0.393420 0.387672 C 3.545617 -1.534620 0.121362 C 5.779898 -1.972071 -0.856231 C 3.073145 -2.783079 -0.445163 C 5.330501 -3.144876 -1.412808 H 6.815748 -1.644517 -0.996553 N 1.786375 -3.145911 -0.204612 C 3.974078 -3.580144 -1.218714 H 6.000836 -3.773381 -2.009637 C 1.343185 -4.293185 -0.722849 C 3.467533 -4.792299 -1.757731 C 2.147711 -5.150796 -1.511379 H 0.299246 -4.552806 -0.506338 H 4.125306 -5.430161 -2.358755 H 1.726277 -6.078217 -1.911325 C -4.848459 -3.001946 -0.871185 C -5.889762 -2.239737 -0.356261 C -3.561387 -2.433932 -0.950041 H -5.003799 -4.028591 -1.214181 C -5.641541 -0.912163 0.076182
C 4.446387 0.830308 1.267985 C 3.116942 0.382343 1.402632 C 5.339464 0.071776 0.521881 N 2.684430 -0.757160 0.843226 H 2.380313 0.955613 1.972861 C 4.905358 -1.139953 -0.074006 H 6.377990 0.393420 0.387672 C 3.545617 -1.534620 0.121362 C 5.779898 -1.972071 -0.856231 C 3.073145 -2.783079 -0.445163 C 5.330501 -3.144876 -1.412808 H 6.815748 -1.644517 -0.996553 N 1.786375 -3.145911 -0.204612 C 3.974078 -3.580144 -1.218714 H 6.000836 -3.773381 -2.009637 C 1.343185 -4.293185 -0.722849 C 3.467533 -4.792299 -1.757731 C 2.147711 -5.150796 -1.511379 H 0.299246 -4.552806 -0.506338 H 4.125306 -5.430161 -2.358755 H 1.726277 -6.078217 -1.911325 C -4.848459 -3.001946 -0.871185 C -5.889762 -2.239737 -0.356261 C -3.561387 -2.433932 -0.950041 H -5.003799 -4.028591 -1.214181 C -5.641541 -0.912163 0.076182 H -6.903244 -2.648133 -0.278467
C 4.446387 0.830308 1.267985 C 3.116942 0.382343 1.402632 C 5.339464 0.071776 0.521881 N 2.684430 -0.757160 0.843226 H 2.380313 0.955613 1.972861 C 4.905358 -1.139953 -0.074006 H 6.377990 0.393420 0.387672 C 3.545617 -1.534620 0.121362 C 5.779898 -1.972071 -0.856231 C 3.073145 -2.783079 -0.445163 C 5.330501 -3.144876 -1.412808 H 6.815748 -1.644517 -0.996553 N 1.786375 -3.145911 -0.204612 C 3.974078 -3.580144 -1.218714 H 6.000836 -3.773381 -2.009637 C 1.343185 -4.293185 -0.722849 C 3.467533 -4.792299 -1.757731 C 2.147711 -5.150796 -1.511379 H 0.299246 -4.552806 -0.506338 H 4.125306 -5.430161 -2.358755 H 1.726277 -6.078217 -1.911325 C -4.848459 -3.001946 -0.871185 C -5.889762 -2.239737 -0.356261 C -3.561387 -2.433932 -0.950041 H -5.003799 -4.028591 -1.214181 C -5.641541 -0.912163 0.076182 H -6.903244 -2.648133 -0.278467 N -3.305914 -1.180456 -0.547913
C $4.446387$ $0.830308$ $1.267985$ C $3.116942$ $0.382343$ $1.402632$ C $5.339464$ $0.071776$ $0.521881$ N $2.684430$ $-0.757160$ $0.843226$ H $2.380313$ $0.955613$ $1.972861$ C $4.905358$ $-1.139953$ $-0.074006$ H $6.377990$ $0.393420$ $0.387672$ C $3.545617$ $-1.534620$ $0.121362$ C $5.779898$ $-1.972071$ $-0.856231$ C $3.073145$ $-2.783079$ $-0.445163$ C $5.330501$ $-3.144876$ $-1.412808$ H $6.815748$ $-1.644517$ $-0.996553$ N $1.786375$ $-3.145911$ $-0.204612$ C $3.974078$ $-3.580144$ $-1.218714$ H $6.000836$ $-3.773381$ $-2.009637$ C $1.343185$ $-4.293185$ $-0.722849$ C $3.467533$ $-4.792299$ $-1.757731$ C $2.147711$ $-5.150796$ $-1.511379$ H $0.299246$ $-4.552806$ $-0.506338$ H $4.125306$ $-5.430161$ $-2.358755$ H $1.726277$ $-6.078217$ $-1.911325$ C $-4.848459$ $-3.001946$ $-0.871185$ C $-5.889762$ $-2.239737$ $-0.356261$ C $-3.561387$ $-2.433932$ $-0.950041$ H $-5.003799$ $-4.028591$ $-1.214181$ C $-5.641541$ $-0.912163$ $0.076182$ H $-6.903244$ $-2.648133$ $-0.278467$ N $-3.305914$ $-1.180456$ $-0.547913$ H $-2.713876$ $-3.000576$ $-1.346995$
C $4.446387$ $0.830308$ $1.267985$ C $3.116942$ $0.382343$ $1.402632$ C $5.339464$ $0.071776$ $0.521881$ N $2.684430$ $-0.757160$ $0.843226$ H $2.380313$ $0.955613$ $1.972861$ C $4.905358$ $-1.139953$ $-0.074006$ H $6.377990$ $0.393420$ $0.387672$ C $3.545617$ $-1.534620$ $0.121362$ C $5.779898$ $-1.972071$ $-0.856231$ C $3.073145$ $-2.783079$ $-0.445163$ C $5.330501$ $-3.144876$ $-1.412808$ H $6.815748$ $-1.644517$ $-0.996553$ N $1.786375$ $-3.145911$ $-0.204612$ C $3.974078$ $-3.580144$ $-1.218714$ H $6.000836$ $-3.773381$ $-2.009637$ C $1.343185$ $-4.293185$ $-0.722849$ C $3.467533$ $-4.792299$ $-1.757731$ C $2.147711$ $-5.150796$ $-1.511379$ H $0.299246$ $-4.552806$ $-0.506338$ H $4.125306$ $-5.430161$ $-2.358755$ H $1.726277$ $-6.078217$ $-1.911325$ C $-4.848459$ $-3.001946$ $-0.871185$ C $-5.889762$ $-2.239737$ $-0.356261$ C $-3.561387$ $-2.433932$ $-0.950041$ H $-5.003799$ $-4.028591$ $-1.214181$ C $-5.641541$ $-0.912163$ $0.076182$ H $-6.903244$ $-2.648133$ $-0.278467$ N $-3.305914$ $-1.180456$ $-0.547913$ H $-2.713876$ $-3.000576$ $-1.346995$ C $-6.675227$ $-0.071107$ $0.617528$

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C -5.074646	1.752206	0.918744
H -7.194409	1.847840	1.436666
N -2.744271	1.403106	0.247472
C -4.746764	3.073880	1.320500
C -2.470896	2.652144	0.632495
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Н 3.538701	8.797367	-0.246253
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F -0.964537 F -2.995429	1.064639 0.251212	-2.895900 -2.899965
F -0.964537 F -2.995429 F -1.291586	1.064639 0.251212 -1.066392	-2.895900 -2.899965 -3.338234
F -0.964537 F -2.995429 F -1.291586 F 2.155652	1.064639 0.251212 -1.066392 -2.413152	-2.304101 -2.895900 -2.899965 -3.338234 3.043967
F -0.964537 F -2.995429 F -1.291586 F 2.155652 F 0.046166	1.064639 0.251212 -1.066392 -2.413152 -2.968039	-2.304101 -2.895900 -2.899965 -3.338234 3.043967 2.916870
F -0.964537 F -2.995429 F -1.291586 F 2.155652 F 0.046166 F 0.612839	1.064639 0.251212 -1.066392 -2.413152 -2.968039 -1.000564	-2.304101 -2.895900 -2.899965 -3.338234 3.043967 2.916870 3.720409
F -0.964537 F -2.995429 F -1.291586 F 2.155652 F 0.046166 F 0.612839 H 4.745844	1.064639 0.251212 -1.066392 -2.413152 -2.968039 -1.000564 1.870115	-2.304101 -2.895900 -2.899965 -3.338234 3.043967 2.916870 3.720409 1.922907
F -0.964537 F -2.995429 F -1.291586 F 2.155652 F 0.046166 F 0.612839 H 4.745844 C 4.449968	1.064639 0.251212 -1.066392 -2.413152 -2.968039 -1.000564 1.870115 0.950367	-2.304101 -2.895900 -2.899965 -3.338234 3.043967 2.916870 3.720409 1.922907 1.410730
F -0.964537 F -2.995429 F -1.291586 F 2.155652 F 0.046166 F 0.612839 H 4.745844 C 4.449968 C 3.116817	1.064639 0.251212 -1.066392 -2.413152 -2.968039 -1.000564 1.870115 0.950367 0.504096	-2.304101 -2.895900 -2.899965 -3.338234 3.043967 2.916870 3.720409 1.922907 1.410730 1.510198
F -0.964537 F -2.995429 F -1.291586 F 2.155652 F 0.046166 F 0.612839 H 4.745844 C 4.449968 C 3.116817 C 5.351864	1.064639 0.251212 -1.066392 -2.413152 -2.968039 -1.000564 1.870115 0.950367 0.504096 0.215545	-2.304101 -2.895900 -2.899965 -3.338234 3.043967 2.916870 3.720409 1.922907 1.410730 1.510198 0.651545
F -0.964537 F -2.995429 F -1.291586 F 2.155652 F 0.046166 F 0.612839 H 4.745844 C 4.449968 C 3.116817 C 5.351864 N 2.692460	1.064639 0.251212 -1.066392 -2.413152 -2.968039 -1.000564 1.870115 0.950367 0.504096 0.215545 -0.615881	-2.304101 -2.895900 -2.899965 -3.338234 3.043967 2.916870 3.720409 1.922907 1.410730 1.510198 0.651545 0.907276
F -0.964537 F -2.995429 F -1.291586 F 2.155652 F 0.046166 F 0.612839 H 4.745844 C 4.449968 C 3.116817 C 5.351864 N 2.692460 H 2.371947	1.064639 0.251212 -1.066392 -2.413152 -2.968039 -1.000564 1.870115 0.950367 0.504096 0.215545 -0.615881 1.060606	-2.304101 -2.895900 -2.899965 -3.338234 3.043967 2.916870 3.720409 1.922907 1.410730 1.510198 0.651545 0.907276 2.085630
F -0.964537 F -2.995429 F -1.291586 F 2.155652 F 0.046166 F 0.612839 H 4.745844 C 4.449968 C 3.116817 C 5.351864 N 2.692460 H 2.371947 C 4.925026	1.064639 0.251212 -1.066392 -2.413152 -2.968039 -1.000564 1.870115 0.950367 0.504096 0.215545 -0.615881 1.060606 -0.975645	-2.304101 -2.895900 -2.899965 -3.338234 3.043967 2.916870 3.720409 1.922907 1.410730 1.510198 0.651545 0.907276 2.085630 0.010427
F -0.964537 F -2.995429 F -1.291586 F 2.155652 F 0.046166 F 0.612839 H 4.745844 C 4.449968 C 3.116817 C 5.351864 N 2.692460 H 2.371947 C 4.925026 H 6.392328	1.064639 0.251212 -1.066392 -2.413152 -2.968039 -1.000564 1.870115 0.950367 0.504096 0.215545 -0.615881 1.060606 -0.975645 0.540155	-2.304101 -2.895900 -2.899965 -3.338234 3.043967 2.916870 3.720409 1.922907 1.410730 1.510198 0.651545 0.907276 2.085630 0.010427 0.541896
F -0.964537 F -2.995429 F -1.291586 F 2.155652 F 0.046166 F 0.612839 H 4.745844 C 4.449968 C 3.116817 C 5.351864 N 2.692460 H 2.371947 C 4.925026 H 6.392328 C 3.563206	1.064639           0.251212           -1.066392           -2.413152           -2.968039           -1.000564           1.870115           0.950367           0.504096           0.215545           -0.615881           1.060606           -0.975645           0.540155           -1.374070	-2.304101 -2.895900 -2.899965 -3.338234 3.043967 2.916870 3.720409 1.922907 1.410730 1.510198 0.651545 0.907276 2.085630 0.010427 0.541896 0.176752
$\begin{array}{r} \text{F} & -0.964537\\ \text{F} & -2.995429\\ \text{F} & -1.291586\\ \text{F} & 2.155652\\ \text{F} & 0.046166\\ \text{F} & 0.612839\\ \text{H} & 4.745844\\ \text{C} & 4.449968\\ \text{C} & 3.116817\\ \text{C} & 5.351864\\ \text{N} & 2.692460\\ \text{H} & 2.371947\\ \text{C} & 4.925026\\ \text{H} & 6.392328\\ \text{C} & 3.563206\\ \text{C} & 5.806087\\ \end{array}$	1.064639 0.251212 -1.066392 -2.413152 -2.968039 -1.000564 1.870115 0.950367 0.504096 0.215545 -0.615881 1.060606 -0.975645 0.540155 -1.374070 -1.784616	-2.304101 -2.895900 -2.899965 -3.338234 3.043967 2.916870 3.720409 1.922907 1.410730 1.510198 0.651545 0.907276 2.085630 0.010427 0.541896 0.176752 -0.788530
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$\begin{array}{r} \text{F} & -0.964537 \\ \text{F} & -2.995429 \\ \text{F} & -1.291586 \\ \text{F} & 2.155652 \\ \text{F} & 0.046166 \\ \text{F} & 0.612839 \\ \text{H} & 4.745844 \\ \text{C} & 4.449968 \\ \text{C} & 3.116817 \\ \text{C} & 5.351864 \\ \text{N} & 2.692460 \\ \text{H} & 2.371947 \\ \text{C} & 4.925026 \\ \text{H} & 6.392328 \\ \text{C} & 3.563206 \\ \text{C} & 5.806087 \\ \text{C} & 3.096203 \\ \text{C} & 5.360453 \\ \text{H} & 6.843600 \\ \end{array}$	1.064639 0.251212 -1.066392 -2.413152 -2.968039 -1.000564 1.870115 0.950367 0.504096 0.215545 -0.615881 1.060606 -0.975645 0.540155 -1.374070 -1.784616 -2.605432 -2.938625 -1.454499	-2.304101 -2.895900 -2.895906 -3.338234 3.043967 2.916870 3.720409 1.922907 1.410730 1.510198 0.651545 0.907276 2.085630 0.010427 0.541896 0.176752 -0.788530 -0.427765 -1.386460 -0.908694
$\begin{array}{r} \text{F} & -0.964537 \\ \text{F} & -2.995429 \\ \text{F} & -1.291586 \\ \text{F} & 2.155652 \\ \text{F} & 0.046166 \\ \text{F} & 0.612839 \\ \text{H} & 4.745844 \\ \text{C} & 4.449968 \\ \text{C} & 3.116817 \\ \text{C} & 5.351864 \\ \text{N} & 2.692460 \\ \text{H} & 2.371947 \\ \text{C} & 4.925026 \\ \text{H} & 6.392328 \\ \text{C} & 3.563206 \\ \text{C} & 5.806087 \\ \text{C} & 3.096203 \\ \text{C} & 5.360453 \\ \text{H} & 6.843600 \\ \text{N} & 1.808017 \\ \end{array}$	-0.031383           1.064639           0.251212           -1.066392           -2.413152           -2.968039           -1.000564           1.870115           0.950367           0.504096           0.215545           -0.615881           1.060606           -0.975645           0.540155           -1.374070           -1.784616           -2.605432           -2.938625           -1.454499           -2.975288	-2.304101 -2.895900 -2.895906 -3.338234 3.043967 2.916870 3.720409 1.922907 1.410730 1.510198 0.651545 0.907276 2.085630 0.010427 0.541896 0.176752 -0.788530 -0.427765 -1.386460 -0.908694 -0.204034
$\begin{array}{r} \text{F} & -0.964537 \\ \text{F} & -2.995429 \\ \text{F} & -1.291586 \\ \text{F} & 2.155652 \\ \text{F} & 0.046166 \\ \text{F} & 0.612839 \\ \text{H} & 4.745844 \\ \text{C} & 4.449968 \\ \text{C} & 3.116817 \\ \text{C} & 5.351864 \\ \text{N} & 2.692460 \\ \text{H} & 2.371947 \\ \text{C} & 4.925026 \\ \text{H} & 6.392328 \\ \text{C} & 3.563206 \\ \text{C} & 5.806087 \\ \text{C} & 3.096203 \\ \text{C} & 5.360453 \\ \text{H} & 6.843600 \\ \text{N} & 1.808017 \\ \text{C} & 4.002362 \\ \end{array}$	1.064639 0.251212 -1.066392 -2.413152 -2.968039 -1.000564 1.870115 0.950367 0.504096 0.215545 -0.615881 1.060606 -0.975645 0.540155 -1.374070 -1.784616 -2.605432 -2.938625 -1.454499 -2.975288 -3.379489	-2.304101 -2.895900 -2.895906 -3.338234 3.043967 2.916870 3.720409 1.922907 1.410730 1.510198 0.651545 0.907276 2.085630 0.010427 0.541896 0.176752 -0.788530 -0.427765 -1.386460 -0.908694 -0.204034 -1.217202
$\begin{array}{r} \text{F} & -0.964537 \\ \text{F} & -2.995429 \\ \text{F} & -1.291586 \\ \text{F} & 2.155652 \\ \text{F} & 0.046166 \\ \text{F} & 0.612839 \\ \text{H} & 4.745844 \\ \text{C} & 4.449968 \\ \text{C} & 3.116817 \\ \text{C} & 5.351864 \\ \text{N} & 2.692460 \\ \text{H} & 2.371947 \\ \text{C} & 4.925026 \\ \text{H} & 6.392328 \\ \text{C} & 3.563206 \\ \text{C} & 5.806087 \\ \text{C} & 3.096203 \\ \text{C} & 5.360453 \\ \text{H} & 6.843600 \\ \text{N} & 1.808017 \\ \text{C} & 4.002362 \\ \text{H} & 6.035483 \\ \end{array}$	1.0634639           1.064639           0.251212           -1.066392           -2.413152           -2.968039           -1.000564           1.870115           0.950367           0.504096           0.215545           -0.615881           1.060606           -0.975645           0.540155           -1.374070           -1.784616           -2.605432           -2.938625           -1.454499           -2.975288           -3.379489           -3.548348	-2.304101 -2.895900 -2.895900 -2.899965 -3.338234 3.043967 2.916870 3.720409 1.922907 1.410730 1.510198 0.651545 0.907276 2.085630 0.010427 0.541896 0.176752 -0.788530 -0.427765 -1.386460 -0.908694 -0.204034 -1.217202 -1.997253
$\begin{array}{r} \text{F} & -0.964537 \\ \text{F} & -2.995429 \\ \text{F} & -1.291586 \\ \text{F} & 2.155652 \\ \text{F} & 0.046166 \\ \text{F} & 0.612839 \\ \text{H} & 4.745844 \\ \text{C} & 4.449968 \\ \text{C} & 3.116817 \\ \text{C} & 5.351864 \\ \text{N} & 2.692460 \\ \text{H} & 2.371947 \\ \text{C} & 4.925026 \\ \text{H} & 6.392328 \\ \text{C} & 3.563206 \\ \text{C} & 5.806087 \\ \text{C} & 3.096203 \\ \text{C} & 5.360453 \\ \text{H} & 6.843600 \\ \text{N} & 1.808017 \\ \text{C} & 4.002362 \\ \text{H} & 6.035483 \\ \text{C} & 1.366915 \\ \end{array}$	1.0634639           1.064639           0.251212           -1.066392           -2.413152           -2.968039           -1.000564           1.870115           0.950367           0.504096           0.215545           -0.615881           1.060606           -0.975645           0.540155           -1.374070           -1.784616           -2.605432           -2.938625           -1.454499           -2.975288           -3.379489           -3.548348           -4.106391	-2.304101 -2.895900 -2.895906 -3.338234 3.043967 2.916870 3.720409 1.922907 1.410730 1.510198 0.651545 0.907276 2.085630 0.010427 0.541896 0.176752 -0.788530 -0.427765 -1.386460 -0.908694 -0.204034 -1.217202 -1.997253 -0.758488
$\begin{array}{r} \text{F} & -0.964537 \\ \text{F} & -2.995429 \\ \text{F} & -1.291586 \\ \text{F} & 2.155652 \\ \text{F} & 0.046166 \\ \text{F} & 0.612839 \\ \text{H} & 4.745844 \\ \text{C} & 4.449968 \\ \text{C} & 3.116817 \\ \text{C} & 5.351864 \\ \text{N} & 2.692460 \\ \text{H} & 2.371947 \\ \text{C} & 4.925026 \\ \text{H} & 6.392328 \\ \text{C} & 3.563206 \\ \text{C} & 5.806087 \\ \text{C} & 3.096203 \\ \text{C} & 5.360453 \\ \text{H} & 6.843600 \\ \text{N} & 1.808017 \\ \text{C} & 4.002362 \\ \text{H} & 6.035483 \\ \text{C} & 1.366915 \\ \text{C} & 3.498049 \\ \end{array}$	$\begin{array}{l} 1.064639\\ 0.251212\\ -1.066392\\ -2.413152\\ -2.968039\\ -1.000564\\ 1.870115\\ 0.950367\\ 0.504096\\ 0.215545\\ -0.615881\\ 1.060606\\ -0.975645\\ 0.540155\\ -1.374070\\ -1.784616\\ -2.605432\\ -2.938625\\ -1.454499\\ -2.975288\\ -3.379489\\ -3.548348\\ -4.106391\\ -4.574196\end{array}$	-2.304101 -2.895900 -2.895900 -2.899965 -3.338234 3.043967 2.916870 3.720409 1.922907 1.410730 1.510198 0.651545 0.907276 2.085630 0.010427 0.541896 0.176752 -0.788530 -0.427765 -1.386460 -0.908694 -0.204034 -1.217202 -1.997253 -0.758488 -1.795830
$\begin{array}{r} \text{F} & -0.964537 \\ \text{F} & -2.995429 \\ \text{F} & -1.291586 \\ \text{F} & 2.155652 \\ \text{F} & 0.046166 \\ \text{F} & 0.612839 \\ \text{H} & 4.745844 \\ \text{C} & 4.449968 \\ \text{C} & 3.116817 \\ \text{C} & 5.351864 \\ \text{N} & 2.692460 \\ \text{H} & 2.371947 \\ \text{C} & 4.925026 \\ \text{H} & 6.392328 \\ \text{C} & 3.563206 \\ \text{C} & 5.806087 \\ \text{C} & 3.096203 \\ \text{C} & 5.360453 \\ \text{H} & 6.843600 \\ \text{N} & 1.808017 \\ \text{C} & 4.002362 \\ \text{H} & 6.035483 \\ \text{C} & 1.366915 \\ \text{C} & 3.498049 \\ \text{C} & 2.176326 \\ \end{array}$	1.064639 0.251212 -1.066392 -2.413152 -2.968039 -1.000564 1.870115 0.950367 0.504096 0.215545 -0.615881 1.060606 -0.975645 0.540155 -1.374070 -1.784616 -2.605432 -2.938625 -1.454499 -2.975288 -3.379489 -3.548348 -4.106391 -4.574196 -4.938636	-2.304101 -2.895900 -2.895900 -2.899965 -3.338234 3.043967 2.916870 3.720409 1.922907 1.410730 1.510198 0.651545 0.907276 2.085630 0.010427 0.541896 0.176752 -0.788530 -0.427765 -1.386460 -0.908694 -0.204034 -1.217202 -1.997253 -0.758488 -1.795830 -1.568774
$\begin{array}{r} \text{F} & -0.964537 \\ \text{F} & -2.995429 \\ \text{F} & -1.291586 \\ \text{F} & 2.155652 \\ \text{F} & 0.046166 \\ \text{F} & 0.612839 \\ \text{H} & 4.745844 \\ \text{C} & 4.449968 \\ \text{C} & 3.116817 \\ \text{C} & 5.351864 \\ \text{N} & 2.692460 \\ \text{H} & 2.371947 \\ \text{C} & 4.925026 \\ \text{H} & 6.392328 \\ \text{C} & 3.563206 \\ \text{C} & 5.806087 \\ \text{C} & 3.096203 \\ \text{C} & 5.360453 \\ \text{H} & 6.843600 \\ \text{N} & 1.808017 \\ \text{C} & 4.002362 \\ \text{H} & 6.035483 \\ \text{C} & 1.366915 \\ \text{C} & 3.498049 \\ \text{C} & 2.176326 \\ \text{H} & 0.322183 \\ \end{array}$	1.064639           0.251212           -1.066392           -2.413152           -2.968039           -1.000564           1.870115           0.950367           0.504096           0.215545           -0.615881           1.060606           -0.975645           0.540155           -1.374070           -1.784616           -2.605432           -2.938625           -1.454499           -2.975288           -3.548348           -4.106391           -4.574196           -4.938636           -4.372581	-2.304101 -2.895900 -2.895900 -2.895906 -3.338234 3.043967 2.916870 3.720409 1.922907 1.410730 1.510198 0.651545 0.907276 2.085630 0.010427 0.541896 0.176752 -0.788530 -0.427765 -1.386460 -0.908694 -0.204034 -1.217202 -1.997253 -0.758488 -1.795830 -1.568774 -0.554984
$\begin{array}{r} \text{F} & -0.964537 \\ \text{F} & -2.995429 \\ \text{F} & -1.291586 \\ \text{F} & 2.155652 \\ \text{F} & 0.046166 \\ \text{F} & 0.612839 \\ \text{H} & 4.745844 \\ \text{C} & 4.449968 \\ \text{C} & 3.116817 \\ \text{C} & 5.351864 \\ \text{N} & 2.692460 \\ \text{H} & 2.371947 \\ \text{C} & 4.925026 \\ \text{H} & 6.392328 \\ \text{C} & 3.563206 \\ \text{C} & 5.806087 \\ \text{C} & 3.096203 \\ \text{C} & 5.360453 \\ \text{H} & 6.843600 \\ \text{N} & 1.808017 \\ \text{C} & 4.002362 \\ \text{H} & 6.035483 \\ \text{C} & 1.366915 \\ \text{C} & 3.498049 \\ \text{C} & 2.176326 \\ \text{H} & 0.322183 \\ \text{H} & 4.158635 \\ \end{array}$	1.0634639           1.064639           0.251212           -1.066392           -2.413152           -2.968039           -1.000564           1.870115           0.950367           0.504096           0.215545           -0.615881           1.060606           -0.975645           0.540155           -1.374070           -1.784616           -2.605432           -2.938625           -1.454499           -2.975288           -3.548348           -4.106391           -4.574196           -4.938636           -4.372581           -5.194332	-2.304101 -2.895900 -2.895906 -3.338234 3.043967 2.916870 3.720409 1.922907 1.410730 1.510198 0.651545 0.907276 2.085630 0.010427 0.541896 0.176752 -0.788530 -0.427765 -1.386460 -0.908694 -0.204034 -1.217202 -1.997253 -0.758488 -1.795830 -1.568774 -0.554984 -2.412020
$\begin{array}{r} \text{F} & -0.964537 \\ \text{F} & -2.995429 \\ \text{F} & -1.291586 \\ \text{F} & 2.155652 \\ \text{F} & 0.046166 \\ \text{F} & 0.612839 \\ \text{H} & 4.745844 \\ \text{C} & 4.449968 \\ \text{C} & 3.116817 \\ \text{C} & 5.351864 \\ \text{N} & 2.692460 \\ \text{H} & 2.371947 \\ \text{C} & 4.925026 \\ \text{H} & 6.392328 \\ \text{C} & 3.563206 \\ \text{C} & 5.806087 \\ \text{C} & 3.096203 \\ \text{C} & 5.360453 \\ \text{H} & 6.843600 \\ \text{N} & 1.808017 \\ \text{C} & 4.002362 \\ \text{H} & 6.035483 \\ \text{C} & 1.366915 \\ \text{C} & 3.498049 \\ \text{C} & 2.176326 \\ \text{H} & 0.322183 \\ \text{H} & 4.158635 \\ \text{H} & 1.756845 \\ \end{array}$	-0.031383           1.064639           0.251212           -1.066392           -2.413152           -2.968039           -1.000564           1.870115           0.950367           0.504096           0.215545           -0.615881           1.060606           -0.975645           0.540155           -1.374070           -1.784616           -2.605432           -2.938625           -1.454499           -2.975288           -3.548348           -4.106391           -4.574196           -4.938636           -4.372581           -5.194332           -5.852862	-2.304101 -2.895900 -2.895906 -3.338234 3.043967 2.916870 3.720409 1.922907 1.410730 1.510198 0.651545 0.907276 2.085630 0.010427 0.541896 0.176752 -0.788530 -0.427765 -1.386460 -0.908694 -0.204034 -1.217202 -1.997253 -0.758488 -1.795830 -1.568774 -0.554984 -2.412020 -1.999828
$\begin{array}{r} \text{F} & -0.964537 \\ \text{F} & -2.995429 \\ \text{F} & -1.291586 \\ \text{F} & 2.155652 \\ \text{F} & 0.046166 \\ \text{F} & 0.612839 \\ \text{H} & 4.745844 \\ \text{C} & 4.449968 \\ \text{C} & 3.116817 \\ \text{C} & 5.351864 \\ \text{N} & 2.692460 \\ \text{H} & 2.371947 \\ \text{C} & 4.925026 \\ \text{H} & 6.392328 \\ \text{C} & 3.563206 \\ \text{C} & 5.806087 \\ \text{C} & 3.096203 \\ \text{C} & 5.360453 \\ \text{H} & 6.843600 \\ \text{N} & 1.808017 \\ \text{C} & 4.002362 \\ \text{H} & 6.035483 \\ \text{C} & 1.366915 \\ \text{C} & 3.498049 \\ \text{C} & 2.176326 \\ \text{H} & 0.322183 \\ \text{H} & 4.158635 \\ \text{H} & 1.756845 \\ \text{C} & -4.876790 \\ \end{array}$	-0.031383           1.064639           0.251212           -1.066392           -2.413152           -2.968039           -1.000564           1.870115           0.950367           0.504096           0.215545           -0.615881           1.060606           -0.975645           0.540155           -1.374070           -1.784616           -2.605432           -2.938625           -1.454499           -2.975288           -3.379489           -3.548348           -4.106391           -4.574196           -4.938636           -4.372581           -5.194332           -5.852862           -3.018627	-2.304101 -2.895900 -2.895900 -2.895906 -3.338234 3.043967 2.916870 3.720409 1.922907 1.410730 1.510198 0.651545 0.907276 2.085630 0.010427 0.541896 0.176752 -0.788530 -0.427765 -1.386460 -0.908694 -0.204034 -1.217202 -1.997253 -0.758488 -1.795830 -1.568774 -0.554984 -2.412020 -1.999828 -0.572260
$\begin{array}{r} \text{F} & -0.964537 \\ \text{F} & -2.995429 \\ \text{F} & -1.291586 \\ \text{F} & 2.155652 \\ \text{F} & 0.046166 \\ \text{F} & 0.612839 \\ \text{H} & 4.745844 \\ \text{C} & 4.449968 \\ \text{C} & 3.116817 \\ \text{C} & 5.351864 \\ \text{N} & 2.692460 \\ \text{H} & 2.371947 \\ \text{C} & 4.925026 \\ \text{H} & 6.392328 \\ \text{C} & 3.563206 \\ \text{C} & 5.806087 \\ \text{C} & 3.096203 \\ \text{C} & 5.360453 \\ \text{H} & 6.843600 \\ \text{N} & 1.808017 \\ \text{C} & 4.002362 \\ \text{H} & 6.035483 \\ \text{C} & 1.366915 \\ \text{C} & 3.498049 \\ \text{C} & 2.176326 \\ \text{H} & 0.322183 \\ \text{H} & 4.158635 \\ \text{H} & 1.756845 \\ \text{C} & -4.876790 \\ \text{C} & -5.885249 \\ \end{array}$	-0.031383           1.064639           0.251212           -1.066392           -2.413152           -2.968039           -1.000564           1.870115           0.950367           0.504096           0.215545           -0.615881           1.060606           -0.975645           0.540155           -1.374070           -1.784616           -2.605432           -2.938625           -1.454499           -2.975288           -3.379489           -3.548348           -4.106391           -4.574196           -4.938636           -4.372581           -5.194332           -5.852862           -3.018627           -2.07586	-2.304101 -2.895900 -2.895906 -3.338234 3.043967 2.916870 3.720409 1.922907 1.410730 1.510198 0.651545 0.907276 2.085630 0.010427 0.541896 0.176752 -0.788530 -0.427765 -1.386460 -0.908694 -0.204034 -1.217202 -1.997253 -0.758488 -1.795830 -1.568774 -0.554984 -2.412020 -1.999828 -0.572260 -0.065762
$\begin{array}{r} \text{F} & -0.964537 \\ \text{F} & -2.995429 \\ \text{F} & -1.291586 \\ \text{F} & 2.155652 \\ \text{F} & 0.046166 \\ \text{F} & 0.612839 \\ \text{H} & 4.745844 \\ \text{C} & 4.449968 \\ \text{C} & 3.116817 \\ \text{C} & 5.351864 \\ \text{N} & 2.692460 \\ \text{H} & 2.371947 \\ \text{C} & 4.925026 \\ \text{H} & 6.392328 \\ \text{C} & 3.563206 \\ \text{C} & 5.806087 \\ \text{C} & 3.096203 \\ \text{C} & 5.360453 \\ \text{H} & 6.843600 \\ \text{N} & 1.808017 \\ \text{C} & 4.002362 \\ \text{H} & 6.035483 \\ \text{C} & 1.366915 \\ \text{C} & 3.498049 \\ \text{C} & 2.176326 \\ \text{H} & 0.322183 \\ \text{H} & 4.158635 \\ \text{H} & 1.7568455 \\ \text{C} & -4.876790 \\ \text{C} & -5.885249 \\ \text{C} & -3.588220 \\ \end{array}$	-0.031383           1.064639           0.251212           -1.066392           -2.413152           -2.968039           -1.000564           1.870115           0.950367           0.504096           0.215545           -0.615881           1.060606           -0.975645           0.540155           -1.374070           -1.784616           -2.605432           -2.938625           -1.454499           -2.975288           -3.379489           -3.548348           -4.106391           -4.574196           -4.938636           -4.372581           -5.194332           -5.852862           -3.018627           -2.207586           -2.477070	-2.304101 -2.895900 -2.895900 -2.899965 -3.338234 3.043967 2.916870 3.720409 1.922907 1.410730 1.510198 0.651545 0.907276 2.085630 0.010427 0.541896 0.176752 -0.788530 -0.427765 -1.386460 -0.908694 -0.204034 -1.217202 -1.997253 -0.758488 -1.795830 -1.568774 -0.554984 -2.412020 -1.999828 -0.572260 -0.065762 -0.751827
$\begin{array}{r} \text{F} & -0.964537 \\ \text{F} & -2.995429 \\ \text{F} & -1.291586 \\ \text{F} & 2.155652 \\ \text{F} & 0.046166 \\ \text{F} & 0.612839 \\ \text{H} & 4.745844 \\ \text{C} & 4.449968 \\ \text{C} & 3.116817 \\ \text{C} & 5.351864 \\ \text{N} & 2.692460 \\ \text{H} & 2.371947 \\ \text{C} & 4.925026 \\ \text{H} & 6.392328 \\ \text{C} & 3.563206 \\ \text{C} & 5.806087 \\ \text{C} & 3.096203 \\ \text{C} & 5.360453 \\ \text{H} & 6.843600 \\ \text{N} & 1.808017 \\ \text{C} & 4.002362 \\ \text{H} & 6.035483 \\ \text{C} & 1.366915 \\ \text{C} & 3.498049 \\ \text{C} & 2.176326 \\ \text{H} & 0.322183 \\ \text{H} & 4.158635 \\ \text{H} & 1.7568455 \\ \text{C} & -4.876790 \\ \text{C} & -5.885249 \\ \text{C} & -3.588220 \\ \text{H} & -5.058730 \\ \end{array}$	-0.031383           1.064639           0.251212           -1.066392           -2.413152           -2.968039           -1.000564           1.870115           0.950367           0.504096           0.215545           -0.615881           1.060606           -0.975645           0.540155           -1.374070           -1.784616           -2.605432           -2.938625           -1.454499           -2.975288           -3.379489           -3.548348           -4.106391           -4.574196           -4.938636           -2.07586           -3.018627           -2.207586           -2.477070           -4.064690	-2.304101 -2.895900 -2.895900 -2.899965 -3.338234 3.043967 2.916870 3.720409 1.922907 1.410730 1.510198 0.651545 0.907276 2.085630 0.010427 0.541896 0.176752 -0.788530 -0.427765 -1.386460 -0.908694 -0.204034 -1.217202 -1.997253 -0.758488 -1.795830 -1.568774 -0.554984 -2.412020 -1.999828 -0.572260 -0.065762 -0.751827 -0.833531 -0.253531 -0.25390 -0.253531 -0.25390 -0.253531 -0.25390 -0.253531 -0.25390 -0.253531 -0.25390 -0.253531 -0.25390 -0.253531 -0.25390 -0.253531 -0.25390 -0.253531 -0.25390 -0.253531 -0.25390 -0.253531 -0.255555 -0.255555 -0.2555555 -0.2555555 -0.255555 -0.255555 -0.255555 -0.255555 -0.2555555 -0.2555555555 -0.255555555 -0.2555555555555555555555555555555555555
$\begin{array}{r} \text{F} & -0.964537 \\ \text{F} & -2.995429 \\ \text{F} & -1.291586 \\ \text{F} & 2.155652 \\ \text{F} & 0.046166 \\ \text{F} & 0.612839 \\ \text{H} & 4.745844 \\ \text{C} & 4.449968 \\ \text{C} & 3.116817 \\ \text{C} & 5.351864 \\ \text{N} & 2.692460 \\ \text{H} & 2.371947 \\ \text{C} & 4.925026 \\ \text{H} & 6.392328 \\ \text{C} & 3.563206 \\ \text{C} & 5.806087 \\ \text{C} & 3.096203 \\ \text{C} & 5.360453 \\ \text{H} & 6.843600 \\ \text{N} & 1.808017 \\ \text{C} & 4.002362 \\ \text{H} & 6.035483 \\ \text{C} & 1.366915 \\ \text{C} & 3.498049 \\ \text{C} & 2.176326 \\ \text{H} & 0.322183 \\ \text{H} & 4.158635 \\ \text{H} & 1.7568455 \\ \text{C} & -4.876790 \\ \text{C} & -5.885249 \\ \text{C} & -3.588220 \\ \text{H} & -5.058730 \\ \text{C} & -5.604583 \\ \text{H} & 4.002362 \\ \text{H} & -5.058730 \\ \text{C} & -5.604583 \\ \text{C} & -5.60$	-0.031383           1.064639           0.251212           -1.066392           -2.413152           -2.968039           -1.000564           1.870115           0.950367           0.504096           0.215545           -0.615881           1.060606           -0.975645           0.540155           -1.374070           -1.784616           -2.605432           -2.938625           -1.454499           -2.975288           -3.379489           -3.548348           -4.106391           -4.574196           -4.938636           -2.207586           -2.207586           -2.207586           -2.477070           -4.064690           -0.855644	-2.304101 -2.895900 -2.895900 -2.899965 -3.338234 3.043967 2.916870 3.720409 1.922907 1.410730 1.510198 0.651545 0.907276 2.085630 0.010427 0.541896 0.176752 -0.788530 -0.427765 -1.386460 -0.908694 -0.204034 -1.217202 -1.997253 -0.758488 -1.795830 -1.568774 -0.554984 -2.412020 -1.999828 -0.572260 -0.065762 -0.751827 -0.833531 0.258871 0.258871 -0.258871
$\begin{array}{r} \text{F} & -0.964537 \\ \text{F} & -2.995429 \\ \text{F} & -1.291586 \\ \text{F} & 2.155652 \\ \text{F} & 0.046166 \\ \text{F} & 0.612839 \\ \text{H} & 4.745844 \\ \text{C} & 4.449968 \\ \text{C} & 3.116817 \\ \text{C} & 5.351864 \\ \text{N} & 2.692460 \\ \text{H} & 2.371947 \\ \text{C} & 4.925026 \\ \text{H} & 6.392328 \\ \text{C} & 3.563206 \\ \text{C} & 5.806087 \\ \text{C} & 3.096203 \\ \text{C} & 5.360453 \\ \text{H} & 6.843600 \\ \text{N} & 1.808017 \\ \text{C} & 4.002362 \\ \text{H} & 6.035483 \\ \text{C} & 1.366915 \\ \text{C} & 3.498049 \\ \text{C} & 2.176326 \\ \text{H} & 0.322183 \\ \text{H} & 4.158635 \\ \text{H} & 1.7568455 \\ \text{C} & -4.876790 \\ \text{C} & -5.885249 \\ \text{C} & -3.588220 \\ \text{H} & -5.058730 \\ \text{C} & -5.604583 \\ \text{H} & -6.89778 \\ \end{array}$	-0.031383           1.064639           0.251212           -1.066392           -2.413152           -2.968039           -1.000564           1.870115           0.950367           0.504096           0.215545           -0.615881           1.060606           -0.975645           0.540155           -1.374070           -1.784616           -2.605432           -2.938625           -1.454499           -2.975288           -3.379489           -3.548348           -4.106391           -4.574196           -4.938636           -2.07586           -2.07586           -2.07586           -2.07586           -2.07586           -2.477070           -4.064690           -0.855644           -2.596907	-2.304101 -2.895900 -2.895900 -2.899965 -3.338234 3.043967 2.916870 3.720409 1.922907 1.410730 1.510198 0.651545 0.907276 2.085630 0.010427 0.541896 0.176752 -0.788530 -0.427765 -1.386460 -0.908694 -0.204034 -1.217202 -1.997253 -0.758488 -1.795830 -1.568774 -0.554984 -2.412020 -1.999828 -0.572260 -0.065762 -0.751827 -0.833531 0.258871 0.087456

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C	-0.599722	0.038198	0.787979
C	-4.275542	-0.377530	0.043184
С	-6.292216	1.343401	1.087355
Η	-7.611530	-0.350478	0.946146
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č	-4 965659	1 855518	0.876400
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Ν	-2.67/451	1.419815	0.118368
С	-4.599304	3.196883	1.164256
С	-2.365755	2.688545	0.395673
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п	5 240405	2 994400	1 570570
н	-5.349495	3.884499	1.5/05/0
Н	-1.330117	2.987548	0.190445
Η	-2.981382	4.642231	1.133147
0	0.368737	-0.195446	-0.686856
Н	0 704422	0 999691	-0.667235
$\hat{C}$	1 176052	2 217727	0.671069
č	1.170932	2.21//2/	-0.0/1908
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С	2.129964	4.711049	-0.489827
С	2.754229	5.351680	-1.592720
С	2.016623	5 426318	0 732296
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Н	2.848458	4.811914	-2.541191
С	2.510317	6.733508	0.842504
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н	2.412900	1.2089/4	1./93//9
Н	3.5108/3	8.3/8/81	-0.168190
VI	II		
Cu	1.229604	0.763284	-0.976145
Cu	1-1 081734	-1 303830	-0.461872
υı	1-1.001/54	-1.505050	-0.401072
$\cap$	0 202400	0 222725	0.007726
0	-0.203400	0.232735	0.097726
0 0	-0.203400 0.420459	0.232735 0.080603	0.097726 -2.504642
0 0 H	-0.203400 0.420459 0.984290	0.232735 0.080603 0.321459	0.097726 -2.504642 -3.270625
O O H C	-0.203400 0.420459 0.984290 0.473678	0.232735 0.080603 0.321459 -2.268454	0.097726 -2.504642 -3.270625 -0.172501
O O H C C	-0.203400 0.420459 0.984290 0.473678 1.491923	0.232735 0.080603 0.321459 -2.268454 -2.935573	0.097726 -2.504642 -3.270625 -0.172501 0.054738
0 0 H C C C	-0.203400 0.420459 0.984290 0.473678 1.491923 2 674949	0.232735 0.080603 0.321459 -2.268454 -2.935573 -3.695664	0.097726 -2.504642 -3.270625 -0.172501 0.054738 0.321441
O O H C C C C C	-0.203400 0.420459 0.984290 0.473678 1.491923 2.674949	0.232735 0.080603 0.321459 -2.268454 -2.935573 -3.695664 4 101514	0.097726 -2.504642 -3.270625 -0.172501 0.054738 0.321441
O O H C C C C C	-0.203400 0.420459 0.984290 0.473678 1.491923 2.674949 3.531483	0.232735 0.080603 0.321459 -2.268454 -2.935573 -3.695664 -4.101514	0.097726 -2.504642 -3.270625 -0.172501 0.054738 0.321441 -0.736627
O O H C C C C C C	-0.203400 0.420459 0.984290 0.473678 1.491923 2.674949 3.531483 3.018406	0.232735 0.080603 0.321459 -2.268454 -2.935573 -3.695664 -4.101514 -4.063760	0.097726 -2.504642 -3.270625 -0.172501 0.054738 0.321441 -0.736627 1.649921
0 H C C C C C C C C C	-0.203400 0.420459 0.984290 0.473678 1.491923 2.674949 3.531483 3.018406 4.687971	0.232735 0.080603 0.321459 -2.268454 -2.935573 -3.695664 -4.101514 -4.063760 -4.847318	0.097726 -2.504642 -3.270625 -0.172501 0.054738 0.321441 -0.736627 1.649921 -0.470146
O O H C C C C C C H	-0.203400 0.420459 0.984290 0.473678 1.491923 2.674949 3.531483 3.018406 4.687971 3.277689	0.232735 0.080603 0.321459 -2.268454 -2.935573 -3.695664 -4.101514 -4.063760 -4.847318 -3.825192	0.097726 -2.504642 -3.270625 -0.172501 0.054738 0.321441 -0.736627 1.649921 -0.470146 -1.765806
O O H C C C C C C C H C	-0.203400 0.420459 0.984290 0.473678 1.491923 2.674949 3.531483 3.018406 4.687971 3.277689 4.176549	0.232735 0.080603 0.321459 -2.268454 -2.935573 -3.695664 -4.101514 -4.063760 -4.847318 -3.825192 -4.810844	0.097726 -2.504642 -3.270625 -0.172501 0.054738 0.321441 -0.736627 1.649921 -0.470146 -1.765806 1.905370
O O H C C C C C C C H C H	-0.203400 0.420459 0.984290 0.473678 1.491923 2.674949 3.531483 3.018406 4.687971 3.277689 4.176549 2.366061	0.232735 0.080603 0.321459 -2.268454 -2.935573 -3.695664 -4.101514 -4.063760 -4.847318 -3.825192 -4.810844 -3.758519	0.097726 -2.504642 -3.270625 -0.172501 0.054738 0.321441 -0.736627 1.649921 -0.470146 -1.765806 1.905370 2.475435
O O H C C C C C C C H C H C H C	-0.203400 0.420459 0.984290 0.473678 1.491923 2.674949 3.531483 3.018406 4.687971 3.277689 4.176549 2.366061 2.366061	0.232735 0.080603 0.321459 -2.268454 -2.935573 -3.695664 -4.101514 -4.063760 -4.847318 -3.825192 -4.810844 -3.758519	0.097726 -2.504642 -3.270625 -0.172501 0.054738 0.321441 -0.736627 1.649921 -0.470146 -1.765806 1.905370 2.475435
O O H C C C C C C C H C H C H C H C H C	-0.203400 0.420459 0.984290 0.473678 1.491923 2.674949 3.531483 3.018406 4.687971 3.277689 4.176549 2.366061 5.017279	0.232735 0.080603 0.321459 -2.268454 -2.935573 -3.695664 -4.101514 -4.063760 -4.847318 -3.825192 -4.810844 -3.758519 -5.206131	0.097726 -2.504642 -3.270625 -0.172501 0.054738 0.321441 -0.736627 1.649921 -0.470146 -1.765806 1.905370 2.475435 0.849381
O O H C C C C C C H C H C H C H	$\begin{array}{c} -0.203400\\ 0.420459\\ 0.984290\\ 0.473678\\ 1.491923\\ 2.674949\\ 3.531483\\ 3.018406\\ 4.687971\\ 3.277689\\ 4.176549\\ 2.366061\\ 5.017279\\ 5.336197 \end{array}$	0.232735 0.080603 0.321459 -2.268454 -2.935573 -3.695664 -4.101514 -4.063760 -4.847318 -3.825192 -4.810844 -3.758519 -5.206131 -5.151296	0.097726 -2.504642 -3.270625 -0.172501 0.054738 0.321441 -0.736627 1.649921 -0.470146 -1.765806 1.905370 2.475435 0.849381 -1.299953
O O H C C C C C C C C H C H C H H	-0.203400 0.420459 0.984290 0.473678 1.491923 2.674949 3.531483 3.018406 4.687971 3.277689 4.176549 2.366061 5.017279 5.336197 4.424002	0.232735 0.080603 0.321459 -2.268454 -2.935573 -3.695664 -4.101514 -4.063760 -4.847318 -3.825192 -4.810844 -3.758519 -5.206131 -5.151296 -5.086076	0.097726 -2.504642 -3.270625 -0.172501 0.054738 0.321441 -0.736627 1.649921 -0.470146 -1.765806 1.905370 2.475435 0.849381 -1.299953 2.936994
O O H C C C C C C C H C H C H H H	-0.203400 0.420459 0.984290 0.473678 1.491923 2.674949 3.531483 3.018406 4.687971 3.277689 4.176549 2.366061 5.017279 5.336197 4.424002 5.921697	0.232735 0.080603 0.321459 -2.268454 -2.935573 -3.695664 -4.101514 -4.063760 -4.847318 -3.825192 -4.810844 -3.758519 -5.206131 -5.151296 -5.086076 -5.789907	0.097726 -2.504642 -3.270625 -0.172501 0.054738 0.321441 -0.736627 1.649921 -0.470146 -1.765806 1.905370 2.475435 0.849381 -1.299953 2.936994 1.053110
O O H C C C C C C C H C H C H H H C	-0.203400 0.420459 0.984290 0.473678 1.491923 2.674949 3.531483 3.018406 4.687971 3.277689 4.176549 2.366061 5.017279 5.336197 4.424002 5.921697 -1 927475	0.232735 0.080603 0.321459 -2.268454 -2.935573 -3.695664 -4.101514 -4.063760 -4.847318 -3.825192 -4.810844 -3.758519 -5.206131 -5.151296 -5.086076 -5.789907 -2.967906	0.097726 -2.504642 -3.270625 -0.172501 0.054738 0.321441 -0.736627 1.649921 -0.470146 -1.765806 1.905370 2.475435 0.849381 -1.299953 2.936994 1.053110 -1.169739
O O H C C C C C C C H C H C H H H C F	-0.203400 0.420459 0.984290 0.473678 1.491923 2.674949 3.531483 3.018406 4.687971 3.277689 4.176549 2.366061 5.017279 5.336197 4.424002 5.921697 -1.927475 -1.429026	0.232735 0.080603 0.321459 -2.268454 -2.935573 -3.695664 -4.101514 -4.063760 -4.847318 -3.825192 -4.810844 -3.758519 -5.206131 -5.151296 -5.086076 -5.789907 -2.967906 -3.288958	0.097726 -2.504642 -3.270625 -0.172501 0.054738 0.321441 -0.736627 1.649921 -0.470146 -1.765806 1.905370 2.475435 0.849381 -1.299953 2.936994 1.053110 -1.169739 -2.423247
O O H C C C C C C C H C H C H H H C F F	-0.203400 0.420459 0.984290 0.473678 1.491923 2.674949 3.531483 3.018406 4.687971 3.277689 4.176549 2.366061 5.017279 5.336197 4.424002 5.921697 -1.927475 -1.429026 2.300125	0.232735 0.080603 0.321459 -2.268454 -2.935573 -3.695664 -4.101514 -4.063760 -4.847318 -3.825192 -4.810844 -3.758519 -5.206131 -5.151296 -5.086076 -5.789907 -2.967906 -3.288958 -2.88958	0.097726 -2.504642 -3.270625 -0.172501 0.054738 0.321441 -0.736627 1.649921 -0.470146 -1.765806 1.905370 2.475435 0.849381 -1.299953 2.936994 1.053110 -1.169739 -2.423247
O O H C C C C C C C H C H C H H H C F F F	-0.203400 0.420459 0.984290 0.473678 1.491923 2.674949 3.531483 3.018406 4.687971 3.277689 4.176549 2.366061 5.017279 5.336197 4.424002 5.921697 -1.927475 -1.429026 -3.300135	0.232735 0.080603 0.321459 -2.268454 -2.935573 -3.695664 -4.101514 -4.063760 -4.847318 -3.825192 -4.810844 -3.758519 -5.206131 -5.151296 -5.086076 -5.789907 -2.967906 -3.288958 -2.893121	0.097726 -2.504642 -3.270625 -0.172501 0.054738 0.321441 -0.736627 1.649921 -0.470146 -1.765806 1.905370 2.475435 0.849381 -1.299953 2.936994 1.053110 -1.169739 -2.423247 -1.351326
O O H C C C C C C C H C H C H H H C F F F	-0.203400 0.420459 0.984290 0.473678 1.491923 2.674949 3.531483 3.018406 4.687971 3.277689 4.176549 2.366061 5.017279 5.336197 4.424002 5.921697 -1.927475 -1.429026 -3.300135 -1.754049	0.232735 0.080603 0.321459 -2.268454 -2.935573 -3.695664 -4.101514 -4.063760 -4.847318 -3.825192 -4.810844 -3.758519 -5.206131 -5.151296 -5.086076 -5.789907 -2.967906 -3.288958 -2.893121 -4.101690	0.097726 -2.504642 -3.270625 -0.172501 0.054738 0.321441 -0.736627 1.649921 -0.470146 -1.765806 1.905370 2.475435 0.849381 -1.299953 2.936994 1.053110 -1.169739 -2.423247 -1.351326 -0.400360
O O H C C C C C C H C H C H H H C F F F C	-0.203400 0.420459 0.984290 0.473678 1.491923 2.674949 3.531483 3.018406 4.687971 3.277689 4.176549 2.366061 5.017279 5.336197 4.424002 5.921697 -1.927475 -1.429026 -3.300135 -1.754049 -2.680265	0.232735 0.080603 0.321459 -2.268454 -2.935573 -3.695664 -4.101514 -4.063760 -4.847318 -3.825192 -4.810844 -3.758519 -5.206131 -5.151296 -5.086076 -5.789907 -2.967906 -3.288958 -2.893121 -4.101690 0.409049	0.097726 -2.504642 -3.270625 -0.172501 0.054738 0.321441 -0.736627 1.649921 -0.470146 -1.765806 1.905370 2.475435 0.849381 -1.299953 2.936994 1.053110 -1.169739 -2.423247 -1.351326 -0.400360 -2.215000
O O H C C C C C C H C H C H H H C F F F C C	-0.203400 0.420459 0.984290 0.473678 1.491923 2.674949 3.531483 3.018406 4.687971 3.277689 4.176549 2.366061 5.017279 5.336197 4.424002 5.921697 -1.927475 -1.429026 -3.300135 -1.754049 -2.680265 -3.677836	0.232735 0.080603 0.321459 -2.268454 -2.935573 -3.695664 -4.101514 -4.063760 -4.847318 -3.825192 -4.810844 -3.758519 -5.206131 -5.151296 -5.086076 -5.789907 -2.967906 -3.288958 -2.893121 -4.101690 0.409049 0.013855	0.097726 -2.504642 -3.270625 -0.172501 0.054738 0.321441 -0.736627 1.649921 -0.470146 -1.765806 1.905370 2.475435 0.849381 -1.299953 2.936994 1.053110 -1.169739 -2.423247 -1.351326 -0.400360 -2.215000 -0.132840
O O H C C C C C C H C H C H H H C F F F C C C	-0.203400 0.420459 0.984290 0.473678 1.491923 2.674949 3.531483 3.018406 4.687971 3.277689 4.176549 2.366061 5.017279 5.336197 4.424002 5.921697 -1.927475 -1.429026 -3.300135 -1.754049 -2.680265 -3.677836 -3.749263	0.232735 0.080603 0.321459 -2.268454 -2.935573 -3.695664 -4.101514 -4.063760 -4.847318 -3.825192 -4.810844 -3.758519 -5.206131 -5.151296 -5.086076 -5.789907 -2.967906 -3.288958 -2.893121 -4.101690 0.409049 0.013855 1.237767	0.097726 -2.504642 -3.270625 -0.172501 0.054738 0.321441 -0.736627 1.649921 -0.470146 -1.765806 1.905370 2.475435 0.849381 -1.299953 2.936994 1.053110 -1.169739 -2.423247 -1.351326 -0.400360 -2.215000 -0.132840 -2.616777
O O H C C C C C C H C H C H H H C F F F C C C H	-0.203400 0.420459 0.984290 0.473678 1.491923 2.674949 3.531483 3.018406 4.687971 3.277689 4.176549 2.366061 5.017279 5.336197 4.424002 5.921697 -1.927475 -1.429026 -3.300135 -1.754049 -2.680265 -3.677836 -3.749263 -1.797939	0.232735 0.080603 0.321459 -2.268454 -2.935573 -3.695664 -4.101514 -4.063760 -4.847318 -3.825192 -4.810844 -3.758519 -5.206131 -5.151296 -5.086076 -5.789907 -2.967906 -3.288958 -2.893121 -4.101690 0.409049 0.013855 1.237767 0.242466	0.097726 -2.504642 -3.270625 -0.172501 0.054738 0.321441 -0.736627 1.649921 -0.470146 -1.765806 1.905370 2.475435 0.849381 -1.299953 2.936994 1.053110 -1.169739 -2.423247 -1.351326 -0.400360 -2.215000 -0.132840 -2.616777 -2.842790
O O H C C C C C C H C H C H H H H C F F F C C C H C	-0.203400 0.420459 0.984290 0.473678 1.491923 2.674949 3.531483 3.018406 4.687971 3.277689 4.176549 2.366061 5.017279 5.336197 4.424002 5.921697 -1.927475 -1.429026 -3.300135 -1.754049 -2.680265 -3.677836 -3.749263 -1.797939	0.232735 0.080603 0.321459 -2.268454 -2.935573 -3.695664 -4.101514 -4.063760 -4.847318 -3.825192 -4.810844 -3.758519 -5.206131 -5.151296 -5.086076 -5.789907 -2.967906 -3.288958 -2.893121 -4.101690 0.409049 0.013855 1.237767 0.242466 0.845162	0.097726 -2.504642 -3.270625 -0.172501 0.054738 0.321441 -0.736627 1.649921 -0.470146 -1.765806 1.905370 2.475435 0.849381 -1.299953 2.936994 1.053110 -1.169739 -2.423247 -1.351326 -0.400360 -2.215000 -0.132840 -2.616777 -2.842790 0.462777
O O H C C C C C C H C H C H H H C F F F C C C H C C	-0.203400 0.420459 0.984290 0.473678 1.491923 2.674949 3.531483 3.018406 4.687971 3.277689 4.176549 2.366061 5.017279 5.336197 4.424002 5.921697 -1.927475 -1.429026 -3.300135 -1.754049 -2.680265 -3.677836 -3.749263 -1.797939 -4.791885	0.232735 0.080603 0.321459 -2.268454 -2.935573 -3.695664 -4.101514 -4.063760 -4.847318 -3.825192 -4.810844 -3.758519 -5.206131 -5.151296 -5.086076 -5.789907 -2.967906 -3.288958 -2.893121 -4.101690 0.409049 0.013855 1.237767 0.242466 0.845162	0.097726 -2.504642 -3.270625 -0.172501 0.054738 0.321441 -0.736627 1.649921 -0.470146 -1.765806 1.905370 2.475435 0.849381 -1.299953 2.936994 1.053110 -1.169739 -2.423247 -1.351326 -0.400360 -2.215000 -0.132840 -2.616777 -2.842790 -0.460277
O O H C C C C C C H C H C H H H C F F F C C C H C C	-0.203400 0.420459 0.984290 0.473678 1.491923 2.674949 3.531483 3.018406 4.687971 3.277689 4.176549 2.366061 5.017279 5.336197 4.424002 5.921697 -1.927475 -1.429026 -3.300135 -1.754049 -2.680265 -3.677836 -3.749263 -1.797939 -4.791885 -4.807031	0.232735 0.080603 0.321459 -2.268454 -2.935573 -3.695664 -4.101514 -4.063760 -4.847318 -3.825192 -4.810844 -3.758519 -5.206131 -5.151296 -5.086076 -5.789907 -2.967906 -3.288958 -2.893121 -4.101690 0.409049 0.013855 1.237767 0.242466 0.845162 1.454117	0.097726 -2.504642 -3.270625 -0.172501 0.054738 0.321441 -0.736627 1.649921 -0.470146 -1.765806 1.905370 2.475435 0.849381 -1.299953 2.936994 1.053110 -1.169739 -2.423247 -1.351326 -0.400360 -2.215000 -0.132840 -2.616777 -2.842790 -0.460277 -1.741605
O O H C C C C C C H C H C H H H C F F F C C C H C C H	-0.203400 0.420459 0.984290 0.473678 1.491923 2.674949 3.531483 3.018406 4.687971 3.277689 4.176549 2.366061 5.017279 5.336197 4.424002 5.921697 -1.927475 -1.429026 -3.300135 -1.754049 -2.680265 -3.677836 -3.749263 -1.797939 -4.791885 -4.807031 -3.725744	0.232735 0.080603 0.321459 -2.268454 -2.935573 -3.695664 -4.101514 -4.063760 -4.847318 -3.825192 -4.810844 -3.758519 -5.206131 -5.151296 -5.086076 -5.789907 -2.967906 -3.288958 -2.893121 -4.101690 0.409049 0.013855 1.237767 0.242466 0.845162 1.454117 1.698799	0.097726 -2.504642 -3.270625 -0.172501 0.054738 0.321441 -0.736627 1.649921 -0.470146 -1.765806 1.905370 2.475435 0.849381 -1.299953 2.936994 1.053110 -1.169739 -2.423247 -1.351326 -0.400360 -2.215000 -0.132840 -2.616777 -2.842790 -0.460277 -1.741605 -3.608437
O O H C C C C C C H C H C H H H C F F F C C C H C C H H	-0.203400 0.420459 0.984290 0.473678 1.491923 2.674949 3.531483 3.018406 4.687971 3.277689 4.176549 2.366061 5.017279 5.336197 4.424002 5.921697 -1.927475 -1.429026 -3.300135 -1.754049 -2.680265 -3.677836 -3.749263 -1.797939 -4.791885 -4.807031 -3.725744 -5.651078	0.232735 0.080603 0.321459 -2.268454 -2.935573 -3.695664 -4.101514 -4.063760 -4.847318 -3.825192 -4.810844 -3.758519 -5.206131 -5.151296 -5.086076 -5.789907 -2.967906 -3.288958 -2.893121 -4.101690 0.409049 0.013855 1.237767 0.242466 0.845162 1.454117 1.698799 2.093233	0.097726 -2.504642 -3.270625 -0.172501 0.054738 0.321441 -0.736627 1.649921 -0.470146 -1.765806 1.905370 2.475435 0.849381 -1.299953 2.936994 1.053110 -1.169739 -2.423247 -1.351326 -0.400360 -2.215000 -0.132840 -2.616777 -2.842790 -0.460277 -1.741605 -3.608437 -2.023536
O O H C C C C C C H C H C H H H C F F F C C C H C C H H C	-0.203400 0.420459 0.984290 0.473678 1.491923 2.674949 3.531483 3.018406 4.687971 3.277689 4.176549 2.366061 5.017279 5.336197 4.424002 5.921697 -1.927475 -1.429026 -3.300135 -1.754049 -2.680265 -3.677836 -3.749263 -1.797939 -4.791885 -4.807031 -3.725744 -5.651078 -3.615910	0.232735 0.080603 0.321459 -2.268454 -2.935573 -3.695664 -4.101514 -4.063760 -4.847318 -3.825192 -4.810844 -3.758519 -5.206131 -5.151296 -5.086076 -5.789907 -2.967906 -3.288958 -2.893121 -4.101690 0.409049 0.013855 1.237767 0.242466 0.845162 1.454117 1.698799 2.093233 -0.623482	0.097726 -2.504642 -3.270625 -0.172501 0.054738 0.321441 -0.736627 1.649921 -0.470146 -1.765806 1.905370 2.475435 0.849381 -1.299953 2.936994 1.053110 -1.169739 -2.423247 -1.351326 -0.400360 -2.215000 -0.132840 -2.616777 -2.842790 -0.460277 -1.741605 -3.608437 -2.023536 1.166014
ООНССССССНСНСНННС F F F C C C H C C H H C C	-0.203400 0.420459 0.984290 0.473678 1.491923 2.674949 3.531483 3.018406 4.687971 3.277689 4.176549 2.366061 5.017279 5.336197 4.424002 5.921697 -1.927475 -1.429026 -3.300135 -1.754049 -2.680265 -3.677836 -3.749263 -1.797939 -4.791885 -4.807031 -3.725744 -5.651078 -3.615910 -4.672702	0.232735 0.080603 0.321459 -2.268454 -2.935573 -3.695664 -4.101514 -4.063760 -4.847318 -3.825192 -4.810844 -3.758519 -5.206131 -5.151296 -5.086076 -5.789907 -2.967906 -3.288958 -2.893121 -4.101690 0.409049 0.013855 1.237767 0.242466 0.845162 1.454117 1.698799 2.093233 -0.623482 -0.407557	0.097726 -2.504642 -3.270625 -0.172501 0.054738 0.321441 -0.736627 1.649921 -0.470146 -1.765806 1.905370 2.475435 0.849381 -1.299953 2.936994 1.053110 -1.169739 -2.423247 -1.351326 -0.400360 -2.215000 -0.132840 -2.616777 -2.842790 -0.460277 -1.741605 -3.608437 -2.023536 1.166014 2.102977
OOHCCCCCCHCHCHHHCFFFCCCCHCCHHCCC	-0.203400 0.420459 0.984290 0.473678 1.491923 2.674949 3.531483 3.018406 4.687971 3.277689 4.176549 2.366061 5.017279 5.336197 4.424002 5.921697 -1.927475 -1.429026 -3.300135 -1.754049 -2.680265 -3.677836 -3.749263 -1.797939 -4.791885 -4.807031 -3.725744 -5.651078 -3.615910 -4.672702	0.232735 0.080603 0.321459 -2.268454 -2.935573 -3.695664 -4.101514 -4.063760 -4.847318 -3.825192 -4.810844 -3.758519 -5.206131 -5.151296 -5.086076 -5.789907 -2.967906 -3.288958 -2.893121 -4.101690 0.409049 0.013855 1.237767 0.242466 0.845162 1.454117 1.698799 2.093233 -0.623482 -0.407557	0.097726 -2.504642 -3.270625 -0.172501 0.054738 0.321441 -0.736627 1.649921 -0.470146 -1.765806 1.905370 2.475435 0.849381 -1.299953 2.936994 1.053110 -1.169739 -2.423247 -1.351326 -0.400360 -2.215000 -0.132840 -2.616777 -2.842790 -0.460277 -1.741605 -3.608437 -2.023536 1.166014 2.102977
OOHCCCCCCHCHCHHHCFFFCCCHCCHHCCC	-0.203400 0.420459 0.984290 0.473678 1.491923 2.674949 3.531483 3.018406 4.687971 3.277689 4.176549 2.366061 5.017279 5.336197 4.424002 5.921697 -1.927475 -1.429026 -3.300135 -1.754049 -2.680265 -3.677836 -3.749263 -1.797939 -4.791885 -4.807031 -3.725744 -5.651078 -3.615910 -4.672702 -4.559792	0.232735 0.080603 0.321459 -2.268454 -2.935573 -3.695664 -4.101514 -4.063760 -4.847318 -3.825192 -4.810844 -3.758519 -5.206131 -5.151296 -5.086076 -5.789907 -2.967906 -3.288958 -2.893121 -4.101690 0.409049 0.013855 1.237767 0.242466 0.845162 1.454117 1.698799 2.093233 -0.623482 -0.407557 -1.049978	0.097726 -2.504642 -3.270625 -0.172501 0.054738 0.321441 -0.736627 1.649921 -0.470146 -1.765806 1.905370 2.475435 0.849381 -1.299953 2.936994 1.053110 -1.169739 -2.423247 -1.351326 -0.400360 -2.215000 -0.132840 -2.616777 -2.842790 -0.460277 -1.741605 -3.608437 -2.023536 1.166014 2.102977 3.364059 -2.25575
O O H C C C C C C H C H C H H H H C F F F C C C H C C H H C C C C	-0.203400 0.420459 0.984290 0.473678 1.491923 2.674949 3.531483 3.018406 4.687971 3.277689 4.176549 2.366061 5.017279 5.336197 4.424002 5.921697 -1.927475 -1.429026 -3.300135 -1.754049 -2.680265 -3.677836 -3.749263 -1.797939 -4.791885 -4.807031 -3.725744 -5.651078 -3.615910 -4.672702 -4.559792 -2.459938	0.232735 0.080603 0.321459 -2.268454 -2.935573 -3.695664 -4.101514 -4.063760 -4.847318 -3.825192 -4.810844 -3.758519 -5.206131 -5.151296 -5.086076 -5.789907 -2.967906 -3.288958 -2.893121 -4.101690 0.409049 0.013855 1.237767 0.242466 0.845162 1.454117 1.698799 2.093233 -0.623482 -0.407557 -1.049978 -1.994795	0.097726 -2.504642 -3.270625 -0.172501 0.054738 0.321441 -0.736627 1.649921 -0.470146 -1.765806 1.905370 2.475435 0.849381 -1.299953 2.936994 1.053110 -1.169739 -2.423247 -1.351326 -0.400360 -2.215000 -0.132840 -2.616777 -2.842790 -0.460277 -1.741605 -3.608437 -2.023536 1.166014 2.102977 3.364059 2.630958
O O H C C C C C C H C H C H H H C F F F C C C H C C H H C C C C	-0.203400 0.420459 0.984290 0.473678 1.491923 2.674949 3.531483 3.018406 4.687971 3.277689 4.176549 2.366061 5.017279 5.336197 4.424002 5.921697 -1.927475 -1.429026 -3.300135 -1.754049 -2.680265 -3.677836 -3.749263 -1.797939 -4.791885 -4.807031 -3.725744 -5.651078 -3.615910 -4.672702 -4.559792 -2.459938 -3.451128	0.232735 0.080603 0.321459 -2.268454 -2.935573 -3.695664 -4.101514 -4.063760 -4.847318 -3.825192 -4.810844 -3.758519 -5.206131 -5.151296 -5.086076 -5.789907 -2.967906 -3.288958 -2.893121 -4.101690 0.409049 0.013855 1.237767 0.242466 0.845162 1.454117 1.698799 2.093233 -0.623482 -0.407557 -1.049978 -1.994795 -1.845233	0.097726 -2.504642 -3.270625 -0.172501 0.054738 0.321441 -0.736627 1.649921 -0.470146 -1.765806 1.905370 2.475435 0.849381 -1.299953 2.936994 1.053110 -1.169739 -2.423247 -1.351326 -0.400360 -2.215000 -0.132840 -2.616777 -2.842790 -0.460277 -1.741605 -3.608437 -2.023536 1.166014 2.102977 3.364059 2.630958 3.630239
O O H C C C C C C H C H C H H H C F F F C C C H C C H H C C C C	-0.203400 0.420459 0.984290 0.473678 1.491923 2.674949 3.531483 3.018406 4.687971 3.277689 4.176549 2.366061 5.017279 5.336197 4.424002 5.921697 -1.927475 -1.429026 -3.300135 -1.754049 -2.680265 -3.677836 -3.749263 -1.797939 -4.791885 -4.807031 -3.725744 -5.651078 -3.615910 -4.672702 -4.559792 -2.459938 -3.451128 -5.348279	0.232735 0.080603 0.321459 -2.268454 -2.935573 -3.695664 -4.101514 -4.063760 -4.847318 -3.825192 -4.810844 -3.758519 -5.206131 -5.151296 -5.086076 -5.789907 -2.967906 -3.288958 -2.893121 -4.101690 0.409049 0.013855 1.237767 0.242466 0.845162 1.454117 1.698799 2.093233 -0.623482 -0.407557 -1.049978 -1.94795 -1.845233 -0.911255	0.097726 -2.504642 -3.270625 -0.172501 0.054738 0.321441 -0.736627 1.649921 -0.470146 -1.765806 1.905370 2.475435 0.849381 -1.299953 2.936994 1.053110 -1.169739 -2.423247 -1.351326 -0.400360 -2.215000 -0.132840 -2.616777 -2.842790 -0.460277 -1.741605 -3.608437 -2.023536 1.166014 2.102977 3.364059 2.630958 3.630239 4.112236
ООНССССССНСНСНННС F F F C C C H C C H H C C C C C H H	-0.203400 0.420459 0.984290 0.473678 1.491923 2.674949 3.531483 3.018406 4.687971 3.277689 4.176549 2.366061 5.017279 5.336197 4.424002 5.921697 -1.927475 -1.429026 -3.300135 -1.754049 -2.680265 -3.677836 -3.749263 -1.797939 -4.791885 -4.807031 -3.725744 -5.651078 -3.615910 -4.672702 -4.559792 -2.459938 -3.451128 -5.348279 -1.573175	0.232735 0.080603 0.321459 -2.268454 -2.935573 -3.695664 -4.101514 -4.063760 -4.847318 -3.825192 -4.810844 -3.758519 -5.206131 -5.151296 -5.086076 -5.789907 -2.967906 -3.288958 -2.893121 -4.101690 0.409049 0.013855 1.237767 0.242466 0.845162 1.454117 1.698799 2.093233 -0.623482 -0.407557 -1.049978 -1.994795 -1.845233 -0.911255 -2.615057	0.097726 -2.504642 -3.270625 -0.172501 0.054738 0.321441 -0.736627 1.649921 -0.470146 -1.765806 1.905370 2.475435 0.849381 -1.299953 2.936994 1.053110 -1.169739 -2.423247 -1.351326 -0.400360 -2.215000 -0.132840 -2.616777 -2.842790 -0.460277 -1.741605 -3.608437 -2.023536 1.166014 2.102977 3.364059 2.630958 3.630239 4.112236 2.810586

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C	2.853346	1.258950 -2.004365
F E	2.664083	1.504268 -5.360280
Г Г	3.783409	0.251108 -1.955254
Г С	3.525500	2.5/55/0 -1.5511/1
C	1.980318	2.343373 1.194740
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C	3 335160	1 939576 3 133037
н	4 068403	-0.105890 3.090466
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IV		
IX	1 228072	1 225265 1 108802
IX Cu	1 -1.338923	-1.225265 -1.108892 1.832706 -0.387178
IX Cı Cı	1 -1.338923 1 -1.051629 -1 689482	-1.225265 -1.108892 1.832706 -0.387178 -0.052013 -2.501950
IX Cı Cı O H	1 -1.338923 1 -1.051629 -1.689482 -2 144587	-1.225265 -1.108892 1.832706 -0.387178 -0.052013 -2.501950 -0.550516 -3.214038
IX Cı Cı O H C	1 -1.338923 1 -1.051629 -1.689482 -2.144587 -2.673030	-1.225265 -1.108892 1.832706 -0.387178 -0.052013 -2.501950 -0.550516 -3.214038 1.293383 0.330813
IX Cı Cı O H C	1 -1.338923 1 -1.051629 -1.689482 -2.144587 -2.673030 -3 757722	-1.225265 -1.108892 1.832706 -0.387178 -0.052013 -2.501950 -0.550516 -3.214038 1.293383 0.330813 0.958073 0.824402
IX Cı Cı O H C C C	1 -1.338923 1 -1.051629 -1.689482 -2.144587 -2.673030 -3.757722 -5.003997	-1.225265 -1.108892 1.832706 -0.387178 -0.052013 -2.501950 -0.550516 -3.214038 1.293383 0.330813 0.958073 0.824402 0.546367 1.395469
IX Cl Cl O H C C C C C C C	1 -1.338923 1 -1.051629 -1.689482 -2.144587 -2.673030 -3.757722 -5.003997 -6.106684	-1.225265 -1.108892 1.832706 -0.387178 -0.052013 -2.501950 -0.550516 -3.214038 1.293383 0.330813 0.958073 0.824402 0.546367 1.395469 0.209128 0.566047
IX Cl O H C C C C C C C C C	1 -1.338923 1 -1.051629 -1.689482 -2.144587 -2.673030 -3.757722 -5.003997 -6.106684 -5.166126	-1.225265 -1.108892 1.832706 -0.387178 -0.052013 -2.501950 -0.550516 -3.214038 1.293383 0.330813 0.958073 0.824402 0.546367 1.395469 0.209128 0.566047 0.466737 2.804451
IX Cu O H C C C C C C C C C	1-1.338923 1-1.051629 -1.689482 -2.144587 -2.673030 -3.757722 -5.003997 -6.106684 -5.166126 -7.325276	-1.225265 -1.108892 1.832706 -0.387178 -0.052013 -2.501950 -0.550516 -3.214038 1.293383 0.330813 0.958073 0.824402 0.546367 1.395469 0.209128 0.566047 0.466737 2.804451 -0.192072 1.130709
IX CL O H C C C C C H	1-1.338923 1-1.051629 -1.689482 -2.144587 -2.673030 -3.757722 -5.003997 -6.106684 -5.166126 -7.325276 -5.994582	-1.225265 -1.108892 1.832706 -0.387178 -0.052013 -2.501950 -0.550516 -3.214038 1.293383 0.330813 0.958073 0.824402 0.546367 1.395469 0.209128 0.566047 0.466737 2.804451 -0.192072 1.130709 0.266234 -0.522162
IX CL O H C C C C C C H C	1-1.338923 1-1.051629 -1.689482 -2.144587 -2.673030 -3.757722 -5.003997 -6.106684 -5.166126 -7.325276 -5.994582 -6.389258	-1.225265 -1.108892 1.832706 -0.387178 -0.052013 -2.501950 -0.550516 -3.214038 1.293383 0.330813 0.958073 0.824402 0.546367 1.395469 0.209128 0.566047 0.466737 2.804451 -0.192072 1.130709 0.266234 -0.522162 0.064801 3.358854
IX Cl Cl O H C C C C C C C H C H C H	1-1.338923 1-1.051629 -1.689482 -2.144587 -2.673030 -3.757722 -5.003997 -6.106684 -5.166126 -7.325276 -5.994582 -6.389258 -4.323476	-1.225265 -1.108892 1.832706 -0.387178 -0.052013 -2.501950 -0.550516 -3.214038 1.293383 0.330813 0.958073 0.824402 0.546367 1.395469 0.209128 0.566047 0.466737 2.804451 -0.192072 1.130709 0.266234 -0.522162 0.064801 3.358854 0.724684 3.455319
IX Cu O H C C C C C C H C H C	1-1.338923 1-1.051629 -1.689482 -2.144587 -2.673030 -3.757722 -5.003997 -6.106684 -5.166126 -7.325276 -5.994582 -6.389258 -4.323476 -7.474145	-1.225265 -1.108892 1.832706 -0.387178 -0.052013 -2.501950 -0.550516 -3.214038 1.293383 0.330813 0.958073 0.824402 0.546367 1.395469 0.209128 0.566047 0.466737 2.804451 -0.192072 1.130709 0.266234 -0.522162 0.064801 3.358854 0.724684 3.455319 -0.266378 2.527347
IX Cu O H C C C C C C C H C H C H C H C H C H	1-1.338923 1-1.051629 -1.689482 -2.144587 -2.673030 -3.757722 -5.003997 -6.106684 -5.166126 -7.325276 -5.994582 -6.389258 -4.323476 -7.474145 -8.165050	-1.225265 -1.108892 1.832706 -0.387178 -0.052013 -2.501950 -0.550516 -3.214038 1.293383 0.330813 0.958073 0.824402 0.546367 1.395469 0.209128 0.566047 0.466737 2.804451 -0.192072 1.130709 0.266234 -0.522162 0.064801 3.358854 0.724684 3.455319 -0.266378 2.527347 -0.448036 0.474693
IX CLOHCCCCCCHCHCHH	1-1.338923 1-1.051629 -1.689482 -2.144587 -2.673030 -3.757722 -5.003997 -6.106684 -5.166126 -7.325276 -5.994582 -6.389258 -4.323476 -7.474145 -8.165050 -6.495591	-1.225265 -1.108892 1.832706 -0.387178 -0.052013 -2.501950 -0.550516 -3.214038 1.293383 0.330813 0.958073 0.824402 0.546367 1.395469 0.209128 0.566047 0.466737 2.804451 -0.192072 1.130709 0.266234 -0.522162 0.064801 3.358854 0.724684 3.455319 -0.266378 2.527347 -0.448036 0.474693 0.010684 4.448319
IX CLOHCCCCCCCHCHCHHH	1-1.338923 1-1.051629 -1.689482 -2.144587 -2.673030 -3.757722 -5.003997 -6.106684 -5.166126 -7.325276 -5.994582 -6.389258 -4.323476 -7.474145 -8.165050 -6.495591 -8.428629	-1.225265 -1.108892 1.832706 -0.387178 -0.052013 -2.501950 -0.550516 -3.214038 1.293383 0.330813 0.958073 0.824402 0.546367 1.395469 0.209128 0.566047 0.466737 2.804451 -0.192072 1.130709 0.266234 -0.522162 0.064801 3.358854 0.724684 3.455319 -0.266378 2.527347 -0.448036 0.474693 0.010684 4.448319 -0.579951 2.964183
IX CC OHCCCCCCHCHCHHHC	1-1.338923 1-1.051629 -1.689482 -2.144587 -2.673030 -3.757722 -5.003997 -6.106684 -5.166126 -7.325276 -5.994582 -6.389258 -4.323476 -7.474145 -8.165050 -6.495591 -8.428629 -1.858689	-1.225265 -1.108892 1.832706 -0.387178 -0.052013 -2.501950 -0.550516 -3.214038 1.293383 0.330813 0.958073 0.824402 0.546367 1.395469 0.209128 0.566047 0.466737 2.804451 -0.192072 1.130709 0.266234 -0.522162 0.064801 3.358854 0.724684 3.455319 -0.266378 2.527347 -0.448036 0.474693 0.010684 4.448319 -0.579951 2.964183 3.635898 -0.647667
IX CC OHC CC CC CC HCHCHHHCF	1-1.338923 1-1.051629 -1.689482 -2.144587 -2.673030 -3.757722 -5.003997 -6.106684 -5.166126 -7.325276 -5.994582 -6.389258 -4.323476 -7.474145 -8.165050 -6.495591 -8.428629 -1.858689 -2.799931	-1.225265 -1.108892 1.832706 -0.387178 -0.052013 -2.501950 -0.550516 -3.214038 1.293383 0.330813 0.958073 0.824402 0.546367 1.395469 0.209128 0.566047 0.466737 2.804451 -0.192072 1.130709 0.266234 -0.522162 0.064801 3.358854 0.724684 3.455319 -0.266378 2.527347 -0.448036 0.474693 0.010684 4.448319 -0.579951 2.964183 3.635898 -0.647667 3.633903 -1.661735
IX CC OHCCCCCCCHCHCHHHCFF	1-1.338923 1-1.051629 -1.689482 -2.144587 -2.673030 -3.757722 -5.003997 -6.106684 -5.166126 -7.325276 -5.994582 -6.389258 -4.323476 -7.474145 -8.165050 -6.495591 -8.428629 -1.858689 -2.799931 -0.953195	-1.225265 -1.108892 1.832706 -0.387178 -0.052013 -2.501950 -0.550516 -3.214038 1.293383 0.330813 0.958073 0.824402 0.546367 1.395469 0.209128 0.566047 0.466737 2.804451 -0.192072 1.130709 0.266234 -0.522162 0.064801 3.358854 0.724684 3.455319 -0.266378 2.527347 -0.448036 0.474693 0.010684 4.448319 -0.579951 2.964183 3.635898 -0.647667 3.633903 -1.661735 4.618547 -1.012620
IX CC OHC CC CC CC HCHCHHHCFFF	1-1.338923 1-1.051629 -1.689482 -2.144587 -2.673030 -3.757722 -5.003997 -6.106684 -5.166126 -7.325276 -5.994582 -6.389258 -4.323476 -7.474145 -8.165050 -6.495591 -8.428629 -1.858689 -2.799931 -0.953195 -2.496077 -2.496077	-1.225265 -1.108892 1.832706 -0.387178 -0.052013 -2.501950 -0.550516 -3.214038 1.293383 0.330813 0.958073 0.824402 0.546367 1.395469 0.209128 0.566047 0.466737 2.804451 -0.192072 1.130709 0.266234 -0.522162 0.064801 3.358854 0.724684 3.455319 -0.266378 2.527347 -0.448036 0.474693 0.010684 4.448319 -0.579951 2.964183 3.635898 -0.647667 3.633903 -1.661735 4.618547 -1.012620 4.159754 0.457062
IX CC OHC CC CC CC HCH CH HHC FFFC	1-1.338923 1-1.051629 -1.689482 -2.144587 -2.673030 -3.757722 -5.003997 -6.106684 -5.166126 -7.325276 -5.994582 -6.389258 -4.323476 -7.474145 -8.165050 -6.495591 -8.428629 -1.858689 -2.799931 -0.953195 -2.496077 0.605090	-1.225265 -1.108892 1.832706 -0.387178 -0.052013 -2.501950 -0.550516 -3.214038 1.293383 0.330813 0.958073 0.824402 0.546367 1.395469 0.209128 0.566047 0.466737 2.804451 -0.192072 1.130709 0.266234 -0.522162 0.064801 3.358854 0.724684 3.455319 -0.266378 2.527347 -0.448036 0.474693 0.010684 4.448319 -0.579951 2.964183 3.635898 -0.647667 3.633903 -1.661735 4.618547 -1.012620 4.159754 0.457062 2.066945 -2.793978
IX CCOHCCCCCCHCHCHHHCFFFCCC	1-1.338923 1-1.051629 -1.689482 -2.144587 -2.673030 -3.757722 -5.003997 -6.106684 -5.166126 -7.325276 -5.994582 -6.389258 -4.323476 -7.474145 -8.165050 -6.495591 -8.428629 -1.858689 -2.799931 -0.953195 -2.496077 0.605090 1.634732 1.720400	-1.225265 -1.108892 1.832706 -0.387178 -0.052013 -2.501950 -0.550516 -3.214038 1.293383 0.330813 0.958073 0.824402 0.546367 1.395469 0.209128 0.566047 0.466737 2.804451 -0.192072 1.130709 0.266234 -0.522162 0.064801 3.358854 0.724684 3.455319 -0.266378 2.527347 -0.448036 0.474693 0.010684 4.448319 -0.579951 2.964183 3.635898 -0.647667 3.633903 -1.661735 4.618547 -1.012620 4.159754 0.457062 2.066945 -2.793978 2.910251 -0.867120 -3.84004 -2.582084
IX CCOHCCCCCCHCHCHHHCFFFCCCCH	1-1.338923 1-1.051629 -1.689482 -2.144587 -2.673030 -3.757722 -5.003997 -6.106684 -5.166126 -7.325276 -5.994582 -6.389258 -4.323476 -7.474145 -8.165050 -6.495591 -8.428629 -1.858689 -2.799931 -0.953195 -2.496077 0.605090 1.634732 1.730400 0.274050	-1.225265 -1.108892 1.832706 -0.387178 -0.052013 -2.501950 -0.550516 -3.214038 1.293383 0.330813 0.958073 0.824402 0.546367 1.395469 0.209128 0.566047 0.466737 2.804451 -0.192072 1.130709 0.266234 -0.522162 0.064801 3.358854 0.724684 3.455319 -0.266378 2.527347 -0.448036 0.474693 0.010684 4.448319 -0.579951 2.964183 3.635898 -0.647667 3.633903 -1.661735 4.618547 -1.012620 4.159754 0.457062 2.066945 -2.793978 2.910251 -0.867120 2.384204 -3.583984 1.557738 -2.02735
IX CLOHCCCCCCHCHCHHHCFFFCCCHC	1-1.338923 1-1.051629 -1.689482 -2.144587 -2.673030 -3.757722 -5.003997 -6.106684 -5.166126 -7.325276 -5.994582 -6.389258 -4.323476 -7.474145 -8.165050 -6.495591 -8.428629 -1.858689 -2.799931 -0.953195 -2.496077 0.605090 1.634732 1.730400 -0.274059 2.812126	-1.225265 -1.108892 1.832706 -0.387178 -0.052013 -2.501950 -0.550516 -3.214038 1.293383 0.330813 0.958073 0.824402 0.546367 1.395469 0.209128 0.566047 0.466737 2.804451 -0.192072 1.130709 0.266234 -0.522162 0.064801 3.358854 0.724684 3.455319 -0.266378 2.527347 -0.448036 0.474693 0.010684 4.448319 -0.579951 2.964183 3.635898 -0.647667 3.633903 -1.661735 4.618547 -1.012620 4.159754 0.457062 2.066945 -2.793978 2.910251 -0.867120 2.384204 -3.583984 1.557738 -3.203735 3.25687 1.504476
IX CLOHCCCCCCCHCHCHHHCFFFCCCHCC	1-1.338923 1-1.051629 -1.689482 -2.144587 -2.673030 -3.757722 -5.003997 -6.106684 -5.166126 -7.325276 -5.994582 -6.389258 -4.323476 -7.474145 -8.165050 -6.495591 -8.428629 -1.858689 -2.799931 -0.953195 -2.496077 0.605090 1.634732 1.730400 -0.274059 2.813136 2.833406	-1.225265 -1.108892 1.832706 -0.387178 -0.052013 -2.501950 -0.550516 -3.214038 1.293383 0.330813 0.958073 0.824402 0.546367 1.395469 0.209128 0.566047 0.466737 2.804451 -0.192072 1.130709 0.266234 -0.522162 0.064801 3.358854 0.724684 3.455319 -0.266378 2.527347 -0.448036 0.474693 0.010684 4.448319 -0.579951 2.964183 3.635898 -0.647667 3.633903 -1.661735 4.618547 -1.012620 4.159754 0.457062 2.066945 -2.793978 2.910251 -0.867120 2.384204 -3.583984 1.557738 -3.203735 3.256879 -1.594476
IX CL OH C C C C C C H C H C H H H C F F F C C C H C C H	1-1.338923 1-1.051629 -1.689482 -2.144587 -2.673030 -3.757722 -5.003997 -6.106684 -5.166126 -7.325276 -5.994582 -6.389258 -4.323476 -7.474145 -8.165050 -6.495591 -8.428629 -1.858689 -2.799931 -0.953195 -2.496077 0.605090 1.634732 1.730400 -0.274059 2.813136 2.833406 1.716525	-1.225265 -1.108892 1.832706 -0.387178 -0.052013 -2.501950 -0.550516 -3.214038 1.293383 0.330813 0.958073 0.824402 0.546367 1.395469 0.209128 0.566047 0.466737 2.804451 -0.192072 1.130709 0.266234 -0.522162 0.064801 3.358854 0.724684 3.455319 -0.266378 2.527347 -0.448036 0.474693 0.010684 4.448319 -0.579951 2.964183 3.635898 -0.647667 3.633903 -1.661735 4.618547 -1.012620 4.159754 0.457062 2.066945 -2.793978 2.910251 -0.867120 2.384204 -3.583984 1.557738 -3.203735 3.256879 -1.594476 2.982171 -2.986182 2.151672 -4.652731
ІХССОНСССССНСНСНННСЕЕЕСССНССНИ	1-1.338923 1-1.051629 -1.689482 -2.144587 -2.673030 -3.757722 -5.003997 -6.106684 -5.166126 -7.325276 -5.994582 -6.389258 -4.323476 -7.474145 -8.165050 -6.495591 -8.428629 -1.858689 -2.799931 -0.953195 -2.496077 0.605090 1.634732 1.730400 -0.274059 2.813136 2.833406 1.716525 3.722653	-1.225265 -1.108892 1.832706 -0.387178 -0.052013 -2.501950 -0.550516 -3.214038 1.293383 0.330813 0.958073 0.824402 0.546367 1.395469 0.209128 0.566047 0.466737 2.804451 -0.192072 1.130709 0.266234 -0.522162 0.064801 3.358854 0.724684 3.455319 -0.266378 2.527347 -0.448036 0.474693 0.010684 4.448319 -0.579951 2.964183 3.635898 -0.647667 3.633903 -1.661735 4.618547 -1.012620 4.159754 0.457062 2.066945 -2.793978 2.910251 -0.867120 2.384204 -3.583984 1.557738 -3.203735 3.256879 -1.594476 2.982171 -2.986182 2.151672 -4.652731 3.240005 -3.572049
ІХССОНСССССНСНСНННСЕЕЕСССНССННС	1-1.338923 1-1.051629 -1.689482 -2.144587 -2.673030 -3.757722 -5.003997 -6.106684 -5.166126 -7.325276 -5.994582 -6.389258 -4.323476 -7.474145 -8.165050 -6.495591 -8.428629 -1.858689 -2.799931 -0.953195 -2.496077 0.605090 1.634732 1.730400 -0.274059 2.813136 2.833406 1.716525 3.722653 1.570442	-1.225265 -1.108892 1.832706 -0.387178 -0.052013 -2.501950 -0.550516 -3.214038 1.293383 0.330813 0.958073 0.824402 0.546367 1.395469 0.209128 0.566047 0.466737 2.804451 -0.192072 1.130709 0.266234 -0.522162 0.064801 3.358854 0.724684 3.455319 -0.266378 2.527347 -0.448036 0.474693 0.010684 4.448319 -0.579951 2.964183 3.635898 -0.647667 3.633903 -1.661735 4.618547 -1.012620 4.159754 0.457062 2.066945 -2.793978 2.910251 -0.867120 2.384204 -3.583984 1.557738 -3.203735 3.256879 -1.594476 2.982171 -2.986182 2.151672 -4.652731 3.240005 -3.572049 3.162674 0 557172
ІХССОНССССССНСНСНННСЕЕЕСССНССННСС	1-1.338923 1-1.051629 -1.689482 -2.144587 -2.673030 -3.757722 -5.003997 -6.106684 -5.166126 -7.325276 -5.994582 -6.389258 -4.323476 -7.474145 -8.165050 -6.495591 -8.428629 -1.858689 -2.799931 -0.953195 -2.496077 0.605090 1.634732 1.730400 -0.274059 2.813136 2.833406 1.716525 3.722653 1.570442 2.690609	-1.225265 -1.108892 1.832706 -0.387178 -0.052013 -2.501950 -0.550516 -3.214038 1.293383 0.330813 0.958073 0.824402 0.546367 1.395469 0.209128 0.566047 0.466737 2.804451 -0.192072 1.130709 0.266234 -0.522162 0.064801 3.358854 0.724684 3.455319 -0.266378 2.527347 -0.448036 0.474693 0.010684 4.448319 -0.579951 2.964183 3.635898 -0.647667 3.633903 -1.661735 4.618547 -1.012620 4.159754 0.457062 2.066945 -2.793978 2.910251 -0.867120 2.384204 -3.583984 1.557738 -3.203735 3.256879 -1.594476 2.982171 -2.986182 2.151672 -4.652731 3.240005 -3.572049 3.162674 0.557172 3.757786 1.213566
ІХССОНССССССНСНСНННСЕЕЕСССНССННССС	1-1.338923 1-1.051629 -1.689482 -2.144587 -2.673030 -3.757722 -5.003997 -6.106684 -5.166126 -7.325276 -5.994582 -6.389258 -4.323476 -7.474145 -8.165050 -6.495591 -8.428629 -1.858689 -2.799931 -0.953195 -2.496077 0.605090 1.634732 1.730400 -0.274059 2.813136 2.833406 1.716525 3.722653 1.570442 2.690609 2.578859	-1.225265 -1.108892 1.832706 -0.387178 -0.052013 -2.501950 -0.550516 -3.214038 1.293383 0.330813 0.958073 0.824402 0.546367 1.395469 0.209128 0.566047 0.466737 2.804451 -0.192072 1.130709 0.266234 -0.522162 0.064801 3.358854 0.724684 3.455319 -0.266378 2.527347 -0.448036 0.474693 0.010684 4.448319 -0.579951 2.964183 3.635898 -0.647667 3.633903 -1.661735 4.618547 -1.012620 4.159754 0.457062 2.066945 -2.793978 2.910251 -0.867120 2.384204 -3.583984 1.557738 -3.203735 3.256879 -1.594476 2.982171 -2.986182 2.151672 -4.652731 3.240005 -3.572049 3.162674 0.557172 3.757786 1.213566 3.974407 2.612394
ІХССОНССССССНСНСНННСЕЕЕЕССНССННСССС	1-1.338923 1-1.051629 -1.689482 -2.144587 -2.673030 -3.757722 -5.003997 -6.106684 -5.166126 -7.325276 -5.994582 -6.389258 -4.323476 -7.474145 -8.165050 -6.495591 -8.428629 -1.858689 -2.799931 -0.953195 -2.496077 0.605090 1.634732 1.730400 -0.274059 2.813136 2.833406 1.716525 3.722653 1.570442 2.690609 2.578859 0.360212	-1.225265 -1.108892 1.832706 -0.387178 -0.052013 -2.501950 -0.550516 -3.214038 1.293383 0.330813 0.958073 0.824402 0.546367 1.395469 0.209128 0.566047 0.466737 2.804451 -0.192072 1.130709 0.266234 -0.522162 0.064801 3.358854 0.724684 3.455319 -0.266378 2.527347 -0.448036 0.474693 0.010684 4.448319 -0.579951 2.964183 3.635898 -0.647667 3.633903 -1.661735 4.618547 -1.012620 4.159754 0.457062 2.066945 -2.793978 2.910251 -0.867120 2.384204 -3.583984 1.557738 -3.203735 3.256879 -1.594476 2.982171 -2.986182 2.151672 -4.652731 3.240005 -3.572049 3.162674 0.557172 3.757786 1.213566 3.974407 2.612394 3.019573 2.525900

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F C C C H	1.138323       0.332269       2.097804         1.631783       -1.629328       2.002874         -0.429843       -0.947187       2.024061         -2.209173       -2.752229       -0.455405         -2.875402       -0.521443       -0.319897         -3.546701       -3.201642       -0.415479         -1.378359       -3.461078       -0.529670
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$\Pi - 3.303330 0.088/11 0.3/8493$ $\Pi - 4.449260 0.064079 1.262072$
$\Pi -4.440209 -0.9040/8 1.3020/3$
U = 3.024343 = -1.494/2/ = -1.750300
$\Pi -4./04482 -1.499/41 -2.003942$
$\Pi -5.040489 -1.4/5/20 -2.093040$
н -3.399958 -2.433097 -1.218876
DE'
KE
U = 0.897527 = 0.007818 = 0.052711
IN 0.873632 1.358070 -0.142028
N 0.879630 -1.365449 -0.140634

 $\begin{array}{cccc} C & 0.854575 & 2.695390 & -0.142574 \\ C & 2.027412 & 3.483132 & -0.199141 \end{array}$ 

C	2 262674	2 0 1 0 0 0	0 252720
C	3.202074	2.040090	-0.232739
C	4.553887	0.69218/	-0.302597
С	4.557097	-0.682542	-0.299495
С	3.276274	-2.844373	-0.241205
C	2 044006	-3 485112	-0 186833
č	2.044000	-3.403112	-0.100055
C	0.86/210	-2./028/1	-0.136082
С	2.078369	0.723942	-0.199361
С	3 319212	1 429577	-0 253263
č	2 225000	1.125511	0.235205
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С	2.081621	-0.725767	-0.197459
Н	-0 133423	3 167723	-0 094983
н	1 0/8165	1 57/377	0 107674
11	1.940105	4.374377	-0.197074
Н	4.193326	3.425041	-0.293801
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н	5 500209	-1 239080	-0 336448
11	4.200700	2.41(04(	0.330110
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Н	1.970078	-4.576713	-0.180663
н	-0 118576	-3 179891	-0.089190
C	1 222 420	0.002459	1 020254
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F	1 005811	1 092902	2 280027
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C	-3 579860	1 646378	-1 734243
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Н	-3 205286	1 655671	-2.770772
C	1 262200	0.056052	0.607767
C	-4.303893	-0.056052	0.09//0/
Н	-4.214882	0.796615	1.379277
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	-4.202403	-0.774233	1.20/03/
C	-3.595829	-1.592386	-1.834884
Н	-4.690308	-1.759249	-1.828881
п	-3 251408	-1 526757	2 970969
			= / 0 / 9 0 0 0
п	2 124410	2 476245	-2.0/9000
н Н	-3.124410	-2.476345	-1.368806
Н	-3.124410	-2.476345	-1.368806
н Н TS	-3.124410 CF <sub>3</sub>	-2.476345	-1.368806
H TS	-3.124410 _CF <sub>3</sub>	-2.476345	-1.368806
H TS Cu	-3.124410 _CF <sub>3</sub> 1-0.616331	-2.476345 0.072197	-1.020317 0.574014
H TS Cu N	-3.124410 _CF <sub>3</sub> 1-0.616331 -2.033720	-2.476345 0.072197 1.409119	-1.368806 -1.020317 -0.574014
H TS Cu N N	-3.124410 _CF <sub>3</sub> -0.616331 -2.033720 -1.977553	-2.476345 0.072197 1.409119 -1.331050	-1.020317 -0.574014 -0.631325
H TS Cu N Cu	-3.124410 _CF <sub>3</sub> -0.616331 -2.033720 -1.977553 -2.063429	-2.476345 0.072197 1.409119 -1.331050 2.760465	-1.020317 -0.574014 -0.631325 -0.545694
H TS Cu N C	-3.124410 _CF <sub>3</sub> 1-0.616331 -2.033720 -1.977553 -2.063429 2.122550	-2.476345 0.072197 1.409119 -1.331050 2.760465	-1.020317 -0.574014 -0.631325 -0.545694
H TS Cu N Cu N C	-3.124410 _CF <sub>3</sub> 1-0.616331 -2.033720 -1.977553 -2.063429 -3.122559	-2.476345 0.072197 1.409119 -1.331050 2.760465 3.498747	-1.020317 -0.574014 -0.631325 -0.545694 0.004489
H TS Cu N C C C C C	-3.124410 _CF <sub>3</sub> 1-0.616331 -2.033720 -1.977553 -2.063429 -3.122559 -4.215370	-1.320737 -2.476345 0.072197 1.409119 -1.331050 2.760465 3.498747 2.818716	-1.020317 -0.574014 -0.631325 -0.545694 0.004489 0.568317
H TS Ct N Ct N C C C C C C C	-3.124410 _CF <sub>3</sub> 1-0.616331 -2.033720 -1.977553 -2.063429 -3.122559 -4.215370 -5.287892	-1.320737 -2.476345 0.072197 1.409119 -1.331050 2.760465 3.498747 2.818716 0.625533	-1.020317 -0.574014 -0.631325 -0.545694 0.004489 0.568317 1.141791
H H TS Cu N C C C C C C C C	-3.124410 _CF <sub>3</sub> 1-0.616331 -2.033720 -1.977553 -2.063429 -3.122559 -4.215370 -5.287892 -5.287892	-1.320737 -2.476345 0.072197 1.409119 -1.331050 2.760465 3.498747 2.818716 0.625533 -0.748596	-1.020317 -0.574014 -0.631325 -0.545694 0.004489 0.568317 1.141791 1.144062
H H TS Cu N N C C C C C C C C C C	-3.124410 -CF <sub>3</sub> 1-0.616331 -2.033720 -1.977553 -2.063429 -3.122559 -4.215370 -5.287892 -5.242674	-1.320737 -2.476345 0.072197 1.409119 -1.331050 2.760465 3.498747 2.818716 0.625533 -0.748596	-1.020317 -0.574014 -0.631325 -0.545694 0.004489 0.568317 1.141791 1.144062
H TS Cu N N C C C C C C C C C C	-3.124410 _CF <sub>3</sub> 1-0.616331 -2.033720 -1.977553 -2.063429 -3.122559 -4.215370 -5.287892 -5.242674 -4.040951	-1.320737 -2.476345 0.072197 1.409119 -1.331050 2.760465 3.498747 2.818716 0.625533 -0.748596 -2.872514	-1.020317 -0.574014 -0.631325 -0.545694 0.004489 0.568317 1.141791 1.144062 0.562066
H TS Cu N C C C C C C C C C C C C	-3.124410 _CF <sub>3</sub> 1-0.616331 -2.033720 -1.977553 -2.063429 -3.122559 -4.215370 -5.287892 -5.242674 -4.040951 -2.914488	-1.320737 -2.476345 0.072197 1.409119 -1.331050 2.760465 3.498747 2.818716 0.625533 -0.748596 -2.872514 -3.483530	-1.020317 -0.574014 -0.631325 -0.545694 0.004489 0.568317 1.141791 1.144062 0.562066 -0.015595
H TSCNNCCCCCCC	-3.124410 _CF <sub>3</sub> 1-0.616331 -2.033720 -1.977553 -2.063429 -3.122559 -4.215370 -5.287892 -5.242674 -4.040951 -2.914488 -1.918824	-1.320737 -2.476345 0.072197 1.409119 -1.331050 2.760465 3.498747 2.818716 0.625533 -0.748596 -2.872514 -3.483530 -2.683732	-1.020317 -0.574014 -0.631325 -0.545694 0.004489 0.568317 1.141791 1.144062 0.562066 -0.015595 -0.595165
H TSCNNCCCCCCCC	-3.124410 _CF <sub>3</sub> 1-0.616331 -2.033720 -1.977553 -2.063429 -3.122559 -4.215370 -5.287892 -5.242674 -4.040951 -2.914488 -1.918824 -3.11256	-1.320737 -2.476345 0.072197 1.409119 -1.331050 2.760465 3.498747 2.818716 0.625533 -0.748596 -2.872514 -3.483530 -2.683732 0.721074	-1.020317 -0.574014 -0.631325 -0.545694 0.0548317 1.141791 1.144062 0.562066 -0.015595 -0.595165 -0.025656
H TSCN NCCCCCCCCC	-3.124410 -CF <sub>3</sub> 1-0.616331 -2.033720 -1.977553 -2.063429 -3.122559 -4.215370 -5.287892 -5.242674 -4.040951 -2.914488 -1.918824 -3.111256	-1.320737 -2.476345 0.072197 1.409119 -1.331050 2.760465 3.498747 2.818716 0.625533 -0.748596 -2.872514 -3.483530 -2.683732 0.721074	-1.020317 -0.574014 -0.631325 -0.545694 0.004489 0.568317 1.141791 1.144062 0.562066 -0.015595 -0.025656
H TSCN NCCCCCCCCCC	-3.124410 -CF <sub>3</sub> 1-0.616331 -2.033720 -1.977553 -2.063429 -3.122559 -4.215370 -5.287892 -5.242674 -4.040951 -2.914488 -1.918824 -3.111256 -4.223122	-1.320737 -2.476345 0.072197 1.409119 -1.331050 2.760465 3.498747 2.818716 0.625533 -0.748596 -2.872514 -3.483530 -2.683732 0.721074 1.405648	-1.020317 -0.574014 -0.631325 -0.545694 0.004489 0.568317 1.141791 1.144062 0.562066 -0.015595 -0.595165 -0.025656 0.565844
H TSCN N C C C C C C C C C C C C C C C C C	-3.124410 -CF <sub>3</sub> 1-0.616331 -2.033720 -1.977553 -2.063429 -3.122559 -4.215370 -5.287892 -5.242674 -4.040951 -2.914488 -1.918824 -3.111256 -4.223122 -4.134416	-1.320737 -2.476345 0.072197 1.409119 -1.331050 2.760465 3.498747 2.818716 0.625533 -0.748596 -2.872514 -3.483530 -2.683732 0.721074 1.405648 -1.461783	-1.020317 -0.574014 -0.631325 -0.545694 0.004489 0.568317 1.141791 1.144062 0.562066 -0.015595 -0.595165 -0.025656 0.565844 0.561749
H TSCNNCCCCCCCCCCCC	-3.124410 -CF <sub>3</sub> 1-0.616331 -2.033720 -1.977553 -2.063429 -3.122559 -4.215370 -5.287892 -5.242674 -4.040951 -2.914488 -1.918824 -3.11256 -4.223122 -4.134416 -3.073471	-1.320737 -2.476345 0.072197 1.409119 -1.331050 2.760465 3.498747 2.818716 0.625533 -0.748596 -2.872514 -3.483530 -2.683732 0.721074 1.405648 -1.461783 -0.710373	-1.020317 -0.574014 -0.631325 -0.545694 0.004489 0.568317 1.141791 1.144062 0.562066 -0.015595 -0.025656 0.565844 0.561749 -0.04148
H TSCNNCCCCCCCCCC	-3.124410 -CF <sub>3</sub> 1-0.616331 -2.033720 -1.977553 -2.063429 -3.122559 -4.215370 -5.287892 -5.242674 -4.040951 -2.914488 -1.918824 -3.111256 -4.223122 -4.134416 -3.073471 1.08573	-1.320737 -2.476345 0.072197 1.409119 -1.331050 2.760465 3.498747 2.818716 0.625533 -0.748596 -2.872514 -3.483530 0.721074 1.405648 -1.461783 -0.710373 2.267571	-1.020317 -0.574014 -0.631325 -0.545694 0.06489 0.568317 1.141791 1.144062 0.562066 -0.015595 -0.595165 -0.025656 0.565844 0.565844 0.040148 0.087517
H TSCNNCCCCCCCCCCH	-3.124410 -CF <sub>3</sub> -0.616331 -2.033720 -1.977553 -2.063429 -3.122559 -4.215370 -5.287892 -5.242674 -4.040951 -2.914488 -1.918824 -3.111256 -4.223122 -4.134416 -3.073471 -1.198573 2.0052	-1.320737 -2.476345 0.072197 1.409119 -1.331050 2.760465 3.498747 2.818716 0.625533 -0.748596 -2.872514 -3.483530 -2.683732 0.721074 1.405648 -1.461783 -0.710373 3.267571	-1.020317 -0.574014 -0.631325 -0.545694 0.004489 0.568317 1.141791 1.144062 0.562066 -0.015595 -0.25656 0.5651749 -0.040148 -0.987517
H TSCNNCCCCCCCCCCCHH	$\begin{array}{c} -3.231408\\ -3.124410\\ -2.033720\\ -1.977553\\ -2.063429\\ -3.122559\\ -4.215370\\ -5.287892\\ -5.242674\\ -4.040951\\ -2.914488\\ -1.918824\\ -3.111256\\ -4.223122\\ -4.134416\\ -3.073471\\ -1.198573\\ -3.081834 \end{array}$	-1.320737 -2.476345 0.072197 1.409119 -1.331050 2.760465 3.498747 2.818716 0.625533 -0.748596 -2.872514 -3.483530 -2.683732 0.721074 1.405648 -1.461783 -0.710373 3.267571 4.592310	-1.020317 -0.574014 -0.631325 -0.545694 0.004489 0.568317 1.141791 1.144062 0.562066 -0.015595 -0.595165 -0.025656 0.565844 0.561749 -0.040148 -0.987517 -0.011425
H TSCNNCCCCCCCCCCCHHH	-3.124410 _CF <sub>3</sub> 1-0.616331 -2.033720 -1.977553 -2.063429 -3.122559 -4.215370 -5.287892 -5.242674 -4.040951 -2.914488 -1.918824 -3.111256 -4.223122 -4.134416 -3.073471 -1.198573 -3.081834 -5.054538	-1.320737 -2.476345 0.072197 1.409119 -1.331050 2.760465 3.498747 2.818716 0.625533 -0.748596 -2.872514 -3.483530 -2.683732 0.721074 1.405648 -1.461783 -0.710373 3.267571 4.592310 3.365155	-1.020317 -0.574014 -0.631325 -0.545694 0.004489 0.568317 1.141791 1.144062 0.562066 -0.015595 -0.595165 -0.025656 0.565844 0.561749 -0.040148 -0.987517 -0.011425 1.012802
H TSCNNCCCCCCCCCCCCHHHH	-3.124410 -CF <sub>3</sub> 1-0.616331 -2.033720 -1.977553 -2.063429 -3.122559 -4.215370 -5.287892 -5.242674 -4.040951 -2.914488 -1.918824 -3.111256 -4.223122 -4.134416 -3.073471 -1.198573 -3.081834 -5.054538 -6.135521	-1.320737 -2.476345 0.072197 1.409119 -1.331050 2.760465 3.498747 2.818716 0.625533 -0.748596 -2.872514 -3.483530 -2.683732 0.721074 1.405648 -1.461783 -0.710373 3.267571 4.592310 3.365155 1.155193	-1.020317 -0.574014 -0.631325 -0.545694 0.0545694 0.568317 1.141791 1.144062 0.562066 -0.015595 -0.595165 -0.025656 0.565844 0.561749 -0.040148 -0.987517 -0.011425 1.012802 1.592036
H TSCNNCCCCCCCCCCCCHHHHH	$\begin{array}{c} -3.231408\\ -3.124410\\ -2.033720\\ -1.977553\\ -2.063429\\ -3.122559\\ -4.215370\\ -5.287892\\ -5.242674\\ -4.040951\\ -2.914488\\ -1.918824\\ -3.111256\\ -4.223122\\ -4.134416\\ -3.073471\\ -1.198573\\ -3.081834\\ -5.054538\\ -6.135521\\ -6.23295\end{array}$	-1.320737 -2.476345 0.072197 1.409119 -1.331050 2.760465 3.498747 2.818716 0.625533 -0.748596 -2.872514 -3.483530 0.721074 1.405648 -0.710373 3.267571 4.592310 3.365155 1.155193	-1.020317 -0.574014 -0.631325 -0.545694 0.004489 0.568317 1.141791 1.144062 0.562066 -0.015595 -0.595165 -0.025655 0.565844 0.565844 0.565844 -0.040148 -0.987517 -0.011425 1.012802 1.592036
H TSCNNCCCCCCCCCCCCHHHHHH	$\begin{array}{c} -3.124410\\ -3.124410\\ -0.616331\\ -2.033720\\ -1.977553\\ -2.063429\\ -3.122559\\ -4.215370\\ -5.287892\\ -5.242674\\ -4.040951\\ -2.914488\\ -1.918824\\ -3.111256\\ -4.223122\\ -4.134416\\ -3.073471\\ -1.198573\\ -3.081834\\ -5.054538\\ -6.135521\\ -6.053095\end{array}$	-1.320737 -2.476345 0.072197 1.409119 -1.331050 2.760465 3.498747 2.818716 0.625533 -0.748596 -2.872514 -3.483530 -2.683732 0.721074 1.405648 -1.461783 -0.710373 3.267571 4.592310 3.365155 1.155193 -1.330607	-1.020317 -0.574014 -0.631325 -0.545694 0.004489 0.568317 1.141791 1.144062 0.562066 -0.015595 -0.595165 -0.025656 0.565844 0.561749 -0.040148 -0.987517 -0.011425 1.012802 1.592036 1.598233
H TONNCCCCCCCCCCCCHHHHHH	$\begin{array}{c} -3.124410\\ -3.124410\\ -0.616331\\ -2.033720\\ -1.977553\\ -2.063429\\ -3.122559\\ -4.215370\\ -5.287892\\ -5.242674\\ -4.040951\\ -2.914488\\ -1.918824\\ -3.111256\\ -4.223122\\ -4.134416\\ -3.073471\\ -1.198573\\ -3.081834\\ -5.054538\\ -6.135521\\ -6.053095\\ -4.840809\end{array}$	-1.320737 -2.476345 0.072197 1.409119 -1.331050 2.760465 3.498747 2.818716 0.625533 -0.748596 -2.872514 -3.483530 -2.683732 0.721074 1.405648 -1.461783 -0.710373 3.267571 4.592310 3.365155 1.155193 -1.330607 -3.469717	-1.020317 -0.574014 -0.631325 -0.545694 0.004489 0.568317 1.141791 1.144062 0.562066 -0.015595 -0.595165 -0.025656 0.565844 0.561749 -0.040148 -0.987517 -0.011425 1.012802 1.592036 1.598233 1.013504
пн ТСNNCCCCCCCCCCCCHHHHHHH	$\begin{array}{c} -3.124410\\ -3.124410\\ -2.033720\\ -1.977553\\ -2.063429\\ -3.122559\\ -4.215370\\ -5.287892\\ -5.242674\\ -4.040951\\ -2.914488\\ -1.918824\\ -3.111256\\ -4.223122\\ -4.134416\\ -3.073471\\ -1.198573\\ -3.081834\\ -5.054538\\ -6.135521\\ -6.053095\\ -4.840809\\ -2.807434\end{array}$	-1.320737 -2.476345 0.072197 1.409119 -1.331050 2.760465 3.498747 2.818716 0.625533 -0.748596 -2.872514 -3.483530 -2.683732 0.721074 1.405648 -1.461783 -0.710373 3.267571 4.592310 3.365155 1.155193 -1.330607 -3.469717 -4.572635	-1.020317 -0.574014 -0.631325 -0.545694 0.004489 0.568317 1.141791 1.144062 0.562066 -0.015595 -0.025656 0.565844 0.561749 -0.04148 -0.987517 -0.011425 1.012802 1.592036 1.598233 1.013504 -0.033790
пн ТСNNCCCCCCCCCCCCHHHHHHH	$\begin{array}{c} -5.251408\\ -3.124410\\ -CF_3\\ 1 & -0.616331\\ -2.033720\\ -1.977553\\ -2.063429\\ -3.122559\\ -4.215370\\ -5.287892\\ -5.242674\\ -4.040951\\ -2.914488\\ -1.918824\\ -3.111256\\ -4.223122\\ -4.134416\\ -3.073471\\ -1.198573\\ -3.081834\\ -5.054538\\ -6.135521\\ -6.053095\\ -4.840809\\ -2.807434\\ -1.02022\end{array}$	-1.320737 -2.476345 0.072197 1.409119 -1.331050 2.760465 3.498747 2.818716 0.625533 -0.748596 -2.872514 -3.483530 -2.683732 0.721074 1.405648 -1.461783 3.267571 4.592310 3.365155 1.155193 -1.330607 -3.469717 -4.572635 -3.137928	-1.020317 -0.574014 -0.631325 -0.545694 0.004489 0.568317 1.141791 1.144062 0.562066 -0.015595 -0.595165 -0.025656 0.565844 0.561749 -0.040148 -0.987517 -0.011425 1.012802 1.592036 1.598233 1.013504 -0.033790 -1.06369
TH TSCNNCCCCCCCCCCCCHHHHHHHH	$\begin{array}{c} -3.124410\\ -3.124410\\ -0.616331\\ -2.033720\\ -1.977553\\ -2.063429\\ -3.122559\\ -4.215370\\ -5.287892\\ -5.242674\\ -4.040951\\ -2.914488\\ -1.918824\\ -3.111256\\ -4.223122\\ -4.134416\\ -3.073471\\ -1.198573\\ -3.081834\\ -5.054538\\ -6.135521\\ -6.053095\\ -4.840809\\ -2.807434\\ -1.042022\\ -2.66222\\ -2.66222\\ -2.66222\\ -2.66222\\ -2.66222\\ -2.66222\\ -2.66222\\ -2.66222\\ -2.66222\\ -2.66222\\ -2.66222\\ -2.66222\\ -2.662$	-1.320737 -2.476345 0.072197 1.409119 -1.331050 2.760465 3.498747 2.818716 0.625533 -0.748596 -2.872514 -3.483530 -2.683732 0.721074 1.405648 -1.461783 -0.710373 3.267571 4.592310 3.365155 1.155193 -1.330607 -3.469717 -4.572635 -3.137928	-1.020317 -0.574014 -0.631325 -0.545694 0.004489 0.568317 1.141791 1.144062 0.562066 -0.015595 -0.595165 -0.025656 0.565844 0.561749 -0.040148 -0.987517 -0.011425 1.012802 1.592036 1.598233 1.013504 -0.033790 -1.069369
пн ТСИNCCCCCCCCCCCCHHHHHHHHFF	$\begin{array}{c} -3.124410\\ -3.124410\\ -0.616331\\ -2.033720\\ -1.977553\\ -2.063429\\ -3.122559\\ -4.215370\\ -5.287892\\ -5.242674\\ -4.040951\\ -2.914488\\ -1.918824\\ -3.111256\\ -4.223122\\ -4.134416\\ -3.073471\\ -1.198573\\ -3.081834\\ -5.054538\\ -6.135521\\ -6.053095\\ -4.840809\\ -2.807434\\ -1.042022\\ 7.365323\\ \end{array}$	-1.320737 -2.476345 0.072197 1.409119 -1.331050 2.760465 3.498747 2.818716 0.625533 -0.748596 -2.872514 -3.483530 -2.683732 0.721074 1.405648 -1.461783 -0.710373 3.267571 4.592310 3.365155 1.155193 -1.330607 -3.469717 -4.572635 -3.137928 0.185297	-1.020317 -0.574014 -0.631325 -0.545694 0.004489 0.568317 1.141791 1.144062 0.562066 -0.015595 -0.595165 -0.025656 0.565844 0.561749 -0.040148 -0.987517 -0.011425 1.012802 1.592036 1.598233 1.013504 -0.033790 -1.069369
TH TSCINNCCCCCCCCCCCCCHHHHHHHHH	$\begin{array}{c} -3.124410\\ -3.124410\\ -0.016331\\ -2.033720\\ -1.977553\\ -2.063429\\ -3.122559\\ -4.215370\\ -5.287892\\ -5.242674\\ -4.040951\\ -2.914488\\ -1.918824\\ -3.111256\\ -4.223122\\ -4.134416\\ -3.073471\\ -1.198573\\ -3.081834\\ -5.054538\\ -6.135521\\ -6.053095\\ -4.840809\\ -2.807434\\ -1.042022\\ 7.365323\\ 5.665592\end{array}$	-1.320737 -2.476345 0.072197 1.409119 -1.331050 2.760465 3.498747 2.818716 0.625533 -0.748596 -2.872514 -3.483530 -2.683732 0.721074 1.405648 -1.461783 -0.710373 3.267571 4.592310 3.365155 1.155193 -1.330607 -3.469717 -4.572635 -3.137928 0.185297 0.061651	-1.020317 -0.574014 -0.631325 -0.545694 0.004489 0.568317 1.141791 1.144062 0.562066 -0.015595 -0.595165 -0.025656 0.565844 0.561749 -0.040148 -0.987517 -0.011425 1.012802 1.592036 1.598233 1.013504 -0.033790 -1.069369 0.695318 0.427193
TH TCNNCCCCCCCCCCCCHHHHHHHHFSC	$\begin{array}{c} -3.124410\\ -3.124410\\ -2.033720\\ -1.977553\\ -2.063429\\ -3.122559\\ -4.215370\\ -5.287892\\ -5.242674\\ -4.040951\\ -2.914488\\ -1.918824\\ -3.012488\\ -1.918824\\ -3.111256\\ -4.223122\\ -4.134416\\ -3.073471\\ -1.198573\\ -3.081834\\ -5.054538\\ -6.135521\\ -6.053095\\ -4.840809\\ -2.807434\\ -1.042022\\ 7.365323\\ 5.665592\\ 5.108294 \end{array}$	-1.320737 -2.476345 0.072197 1.409119 -1.331050 2.760465 3.498747 2.818716 0.625533 -0.748596 -2.872514 -3.483530 -2.683732 0.721074 1.405648 -1.461783 -0.710373 3.267571 4.592310 3.365155 1.155193 -1.330607 -3.469717 -4.572635 -3.137928 0.185297 0.061651 1.820245	-1.020317 -0.574014 -0.631325 -0.545694 0.0545694 0.568317 1.141791 1.144062 0.562066 -0.015595 -0.595165 -0.025656 0.565844 0.561749 -0.040148 -0.987517 -0.011425 1.012802 1.592036 1.598233 1.013504 -0.033790 -1.069369 0.695318 0.427193 -0.014961
TH TCNNCCCCCCCCCCCCHHHHHHHHHFSCC	$\begin{array}{c} -3.231408\\ -3.124410\\ -2.033720\\ -1.977553\\ -2.063429\\ -3.122559\\ -4.215370\\ -5.287892\\ -5.242674\\ -4.040951\\ -2.914488\\ -1.918824\\ -3.111256\\ -4.223122\\ -4.134416\\ -3.073471\\ -1.198573\\ -3.081834\\ -5.054538\\ -6.135521\\ -6.053095\\ -4.840809\\ -2.807434\\ -1.042022\\ 7.365323\\ 5.665592\\ 5.108294\\ 5.477565\end{array}$	-1.320737 -2.476345 0.072197 1.409119 -1.331050 2.760465 3.498747 2.818716 0.625533 -0.748596 -2.872514 -3.483530 -2.683732 0.721074 1.405648 -1.461783 -0.710373 3.267571 4.592310 3.365155 1.155193 -1.330607 -3.469717 -4.572635 -3.137928 0.185297 0.061651 1.820245 -1.67244	-1.020317 -0.574014 -0.631325 -0.545694 0.004489 0.568317 1.141791 1.144062 0.562066 -0.015595 -0.595165 -0.025656 0.565844 0.561749 -0.040148 -0.987517 -0.011425 1.012802 1.598233 1.013504 -0.033790 -1.069369 0.695318 0.427193 -0.014961 -1.005277
пн SCNNCCCCCCCCCCCHHHHHHHHFSiCCC	$\begin{array}{c} -3.124410\\ -3.124410\\ -0.616331\\ -2.033720\\ -1.977553\\ -2.063429\\ -3.122559\\ -4.215370\\ -5.287892\\ -5.242674\\ -4.040951\\ -2.914488\\ -1.918824\\ -3.111256\\ -4.223122\\ -4.134416\\ -3.073471\\ -1.198573\\ -3.081834\\ -5.054538\\ -6.135521\\ -6.053095\\ -4.840809\\ -2.807434\\ -1.042022\\ 7.365323\\ 5.665592\\ 5.108294\\ 5.477565\\ -5.08294\\ 5.477565\\ -6.08294\\ -1.072022\\ -6.08294\\ -1.0829$	-1.320737 -2.476345 0.072197 1.409119 -1.331050 2.760465 3.498747 2.818716 0.625533 -0.748596 -2.872514 -3.483530 -2.683732 0.721074 1.405648 -1.461783 -0.710373 3.267571 4.592310 3.365155 1.155193 -1.330607 -3.469717 -4.572635 -3.137928 0.185297 0.061651 1.820245 -1.167244 -1.42075	-1.020317 -0.574014 -0.631325 -0.545694 0.004489 0.568317 1.141791 1.144062 0.562066 -0.015595 -0.595165 -0.025656 0.565844 0.561749 -0.040148 -0.987517 -0.01425 1.012802 1.592036 1.598233 1.013504 -0.033790 -1.069369 0.695318 0.427193 -0.014961 -1.005277
TH TONNCCCCCCCCCCCCHHHHHHHHHFSICCC	$\begin{array}{c} -3.124410\\ -3.124410\\ -0.616331\\ -2.033720\\ -1.977553\\ -2.063429\\ -3.122559\\ -4.215370\\ -5.287892\\ -5.242674\\ -4.040951\\ -2.914488\\ -1.918824\\ -3.111256\\ -4.223122\\ -4.134416\\ -3.073471\\ -1.198573\\ -3.081834\\ -5.054538\\ -6.135521\\ -6.053095\\ -4.840809\\ -2.807434\\ -1.042022\\ 7.365323\\ 5.665592\\ 5.108294\\ 5.477565\\ 1.652387\end{array}$	-1.320737 -2.476345 0.072197 1.409119 -1.331050 2.760465 3.498747 2.818716 0.625533 -0.748596 -2.872514 -3.483530 -2.683732 0.721074 1.405648 -1.461783 -0.710373 3.267571 4.592310 3.365155 1.155193 -1.330607 -3.469717 -4.572635 -3.137928 0.185297 0.061651 1.820245 -1.167244 -0.148485	-1.020317 -0.574014 -0.631325 -0.545694 0.004489 0.568317 1.141791 1.144062 0.562066 -0.015595 -0.595165 -0.025656 0.565844 0.561749 -0.040148 -0.987517 -0.011425 1.012802 1.592036 1.598233 1.013504 -0.033790 -1.069369 0.695318 0.427193 -0.014961 -1.005277 -0.179424
пн ТСИ И С С С С С С С С С С С Н Н Н Н Н Н Н	$\begin{array}{c} -3.124410\\ -3.124410\\ -2.033720\\ -1.977553\\ -2.063429\\ -3.122559\\ -4.215370\\ -5.287892\\ -5.242674\\ -4.040951\\ -2.914488\\ -1.918824\\ -3.111256\\ -4.223122\\ -4.134416\\ -3.073471\\ -1.198573\\ -3.081834\\ -5.054538\\ -6.135521\\ -6.053095\\ -4.840809\\ -2.807434\\ -1.042022\\ 7.365323\\ 5.665592\\ 5.108294\\ 5.477565\\ 1.652387\\ 4.952165\end{array}$	-1.320737 -2.476345 0.072197 1.409119 -1.331050 2.760465 3.498747 2.818716 0.625533 -0.748596 -2.872514 -3.483530 -2.683732 0.721074 1.405648 -1.461783 -0.710373 3.267571 4.592310 3.365155 1.155193 -1.330607 -3.469717 -4.572635 -3.137928 0.185297 0.061651 1.820245 -1.167244 -0.148485 -0.574875	-1.020317 -0.574014 -0.631325 -0.545694 0.004489 0.568317 1.141791 1.144062 0.562066 -0.015595 -0.595165 -0.025656 0.565844 0.561749 -0.040148 -0.987517 -0.011425 1.012802 1.592036 1.598233 1.013504 -0.033790 -1.069369 0.695318 0.427193 -0.014961 -1.005277 -0.179424 2.065075
пн SCNNCCCCCCCCCCCCHHHHHHHHHFSCCCCCH	$\begin{array}{c} -3.124410\\ -3.124410\\ -2.033720\\ -1.977553\\ -2.063429\\ -3.122559\\ -4.215370\\ -5.287892\\ -5.242674\\ -4.040951\\ -2.914488\\ -1.918824\\ -3.111256\\ -4.223122\\ -4.134416\\ -3.073471\\ -1.198573\\ -3.081834\\ -5.054538\\ -6.135521\\ -6.053095\\ -4.840809\\ -2.807434\\ -1.042022\\ 7.365323\\ 5.665592\\ 5.108294\\ 5.477565\\ 1.652387\\ -4.952165\\ -4.021039\end{array}$	-2.476345 -2.476345 -2.476345 -2.476345 -1.409119 -1.331050 2.760465 3.498747 2.818716 0.625533 -0.748596 -2.872514 -3.483530 -2.683732 0.721074 1.405648 -1.461783 -0.710373 3.267571 4.592310 3.365155 1.155193 -1.330607 -3.469717 -4.572635 -3.137928 0.185297 0.061651 1.820245 -1.167244 -0.148485 -0.574875 1.840381	-1.020317 -0.574014 -0.631325 -0.545694 0.004489 0.568317 1.141791 1.144062 0.562066 -0.015595 -0.595165 -0.025656 0.565844 0.561749 -0.040148 -0.987517 -0.011425 1.012802 1.592036 1.598233 1.013504 -0.033790 -1.069369 0.427193 -0.014961 -1.005277 -0.179424 2.065075 -0.212887
пн SCNNCCCCCCCCCCCCHHHHHHHHFSCCCCCHH	$\begin{array}{c} -3.124410\\ -3.124410\\ -2.033720\\ -1.977553\\ -2.063429\\ -3.122559\\ -4.215370\\ -5.287892\\ -5.242674\\ -4.040951\\ -2.914488\\ -1.918824\\ -3.111256\\ -4.223122\\ -4.134416\\ -3.073471\\ -1.198573\\ -3.081834\\ -5.054538\\ -6.135521\\ -6.053095\\ -4.840809\\ -2.807434\\ -1.042022\\ 7.365323\\ 5.665592\\ 5.108294\\ 5.477565\\ 1.652387\\ 4.952165\\ 4.021039\\ 5.317897\end{array}$	-1.320737 -2.476345 0.072197 1.409119 -1.331050 2.760465 3.498747 2.818716 0.625533 -0.748596 -2.872514 -3.483530 -2.683732 0.721074 1.405648 -1.461783 -0.710373 3.267571 4.592310 3.365155 1.155193 -1.330607 -3.469717 -4.572635 -3.137928 0.185297 0.061651 1.820245 -1.167244 -0.148485 -0.574875 1.840381 2.524427	-1.020317 -0.574014 -0.631325 -0.545694 0.004489 0.568317 1.141791 1.144062 0.562066 0.05595 -0.595165 -0.025656 0.565844 0.561749 -0.040148 -0.987517 -0.011425 1.012802 1.592036 1.598233 1.013504 -0.033790 -1.069369 0.695318 0.427193 -0.014961 -1.005277 -0.179424 2.065075 -0.212887 0.810349

H H H H F	5.626065 5.966459 4.407503 5.921631 1.450216	2.181367 -0.791168 -1.329375 -2.146515 -1.435128	-0.921674 -1.921824 -1.231378 -0.751394 0.239473
F F H H	1.784186 1.415735 3.861053 5.407507	0.106353 0.885447 -0.728072 -1.541297	-1.533673 0.688214 1.974900 2.347379
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CF	3-DMF	1 947617	0 714600
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С	-1.917101	-0.686334	0.904439
Н Ц	-1.606556	-0.118063	1.817019
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С	-1.833730	1.293184	-0.491245
Н	-1.463195	1.964961	0.321605
н Н	-1.430492	1.6/9952	-1.44/128
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Н	0.022616	-0.033476	-1.798011
C F	1.021117	0.18645/	0.0/3154
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IV	,		
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С	3.357963	-2.827260	-1.531156
C	4.518318	-2.099566	0.575942
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C	-4.349787	-0.242380	0.406720
С	-5.079546	0.053252	1.458333
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С Н	-6.959760	0.232507	2.510281
Н	-6.883730	-2.583876	-0.783693

Н -8.135443 -1.463154 1.080779	C -2.472208 1.154271 -0.248332	C 5.466989 -0.987943 -0.506747
	C -3.491071 2.149293 -0.396658	C 6.461128 1.638847 -0.453455
V'	C -4.195834 -0.617950 -0.471064	Н 4.394625 2.260379 -0.228989
Cu 0.062087 -0.608415 0.042944	C -2.835929 -0.244503 -0.256914	C 6.844564 -0.753910 -0.618990
O -0.067334 -1.114748 -1.923414	Н 0.277747 2.956695 -0.024025	Н 5.079531 -2.012388 -0.529267
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N -1.853603 -1.175805 -0.076119	Н -5.626316 2.517534 -0.673453	Н 7.528231 -1.603719 -0.728169
C -0.795218 2.748083 -0.120259	Н -6.233357 0.100303 -0.763599	Н 8.428029 0.737224 -0.682750
C -1.726177 3.809201 -0.235958	Н -5.528358 -2.332466 -0.708474	C 0.098886 -0.481056 2.064105
C -3.075803 3.507093 -0.377691	Н -3.664636 -4.012136 -0.458061	F 0.711435 -1.595035 2.664491
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C -3.468069 -2.936557 -0.406283	C 4.555870 0.094073 -0.363923	
C -2.148805 -2.485568 -0.163469	C 5.082257 1.414611 -0.338724	