

Electronic Supporting Information

Unveiling the reactivity of CO₂ with carbanions: a theoretical analysis of the carboxylation step

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A. GENERAL INFORMATION

DFT calculations were performed on 28 small organic molecules, containing C-H moieties (neutral organic molecule is eventually indicated as R_i -H). For every molecule considered, geometry optimization and calculation of Gibbs free energy were performed on carbanion R_i^- (negative charge, singlet states), carboxylated carbanion R_i -COO $^-$ (negative charge, singlet states), transition state of the carboxylation step of the carbanion R_i -TS (negative charge, singlet state). When different R_i^- conformer-geometries can be optimised, the correspondence of R_i -COO $^-$ and R_i -TS structures was carefully evaluated.

All calculations were performed with Gaussian16 software at the C₃P facility of the University of Padova; Gauss View 6 software was used as a graphical interface to build the input and interpret the output.

For all molecules, geometry optimisations and frequency calculations were done, using the density functional theory (DFT) method:

- b3lyp/6-311g(d,p)//b3lyp/6-311g(d,p): B3LYP functional and Pople 6-311g(d,p) basis set;
- ω b97xd/def2tzvp// ω b97xd/def2tzvp: ω B97XD long-range-corrected functional, which includes empirical dispersion and with def2tzvp Ahlrichs' triple-zeta basis set.

Single point calculations (SPE) were evaluated with:

- ω b97xd/aug-cc-pvtz// ω b97xd/def2tzvp: ω B97XD using aug-cc-pvtz basis set which is including diffuse functions) from optimised geometries at the ω B97XD/def2tzvp level;
- b2plypd/aug-cc-pvtz// ω b97XD/def2tzvp: double hybrid b2plypd functional, with the aug-cc-pvtz basis set from optimised geometries at the ω b97XD/def2tzvp level.

A correction of +1.90 kcalmol $^{-1}$ to the computed free energy and enthalpy values was applied to convert the standard state from 1 atm to a 1 M solution.^{1,2}

The self-consistent reaction field (SCRF) was used with DFT energies, optimizations, and frequency calculations to model systems in acetonitrile solution, at. For all calculations a pruned (99,590) integration grid was used (keyword: Integral=UltraFine, the default choice in Gaussian16).

All the structures were optimised including a continuum solvation model for acetonitrile (or dimethylsulfoxide, DMSO) using the integral equation formalism variant (IEFPCM).

Stationary points on the potential energy surface were determined to be minima (no vibrational modes with imaginary frequency) and the actual nature of calculated transition states was confirmed by analysis of frequencies (only one mode with imaginary vibrational

frequency) and the reliability of the transition states was corroborated by intrinsic reaction coordinate (IRC) computation.

Entropy corrections through the Truhlar model were also evaluated,³ using *GoodVibes* as Python program.⁴ Low frequencies vibrations (lower than the selected cut-off value) in the rigid-rotor harmonic oscillator (RRHO) are uniformly shifted up to the cut-off value of 50.0 or 100.0 wavenumber.

The command expressed in all computed jobs in this work was:

- To obtain the optimized molecular structure and local minimum of energy: # opt freq b3lyp/6-311g(d,p) scrf=(solvent=acetonitrile) or # opt freq=noraman wb97xd scrf=(solvent=acetonitrile) def2tzvp
- To obtain the scan of the energy while breaking a C-COO bond: opt=modredundant b3lyp/6-311g(d,p) scrf=(solvent=acetonitrile) or # opt=modredundant wb97xd/def2tzvp scrf=(solvent=acetonitrile). Scans were done with an amplitude of 0.1 and 0.01 Å. # opt=modredundant pm3 scrf=(solvent=acetonitrile)
- To obtain the optimized molecular structure of a transition state and local maximum of energy: # opt=(calcfc,ts,noeigen) freq=noraman b3lyp/6-311g(d,p) scrf=(solvent=acetonitrile) or # opt=(calcfc,ts,noeigen) freq=noraman wb97xd/def2tzvp scrf=(solvent=acetonitrile)
- To obtain intrinsic reaction coordinate (IRC) profile: # irc=(calcfc,recorrect=never,maxpoints=20) wb97xd scrf=(solvent=acetonitrile) def2tzvp

B. CONFORMATIONAL ANALYSIS

For anions R_{23}^- , R_{24}^- and R_{25}^- and for the dianion of chalcone R_{27}^{2-} , an initial conformational analysis was performed at semiempirical pm3 level including a solvation model for acetonitrile. The conformational search considered the full rotation of two dihedral angles involving the groups in proximity of the anion site (16 steps of 24° for each dihedral angle, for a total of 256 points). The conformational analysis on R_{23}^- , R_{24}^- and R_{25}^- provided 4 main conformers for R_{23}^- , three conformers for R_{24}^- and four conformers for R_{25}^- , see the images in Figures S1-S3. In the case of R_{27}^{2-} , the two most stable conformers are represented in Figure S4.

The command expressed to obtain the scan of the energy while rotating the dihedral angles is # opt=modredundant pm3 scrf=(solvent=acetonitrile).

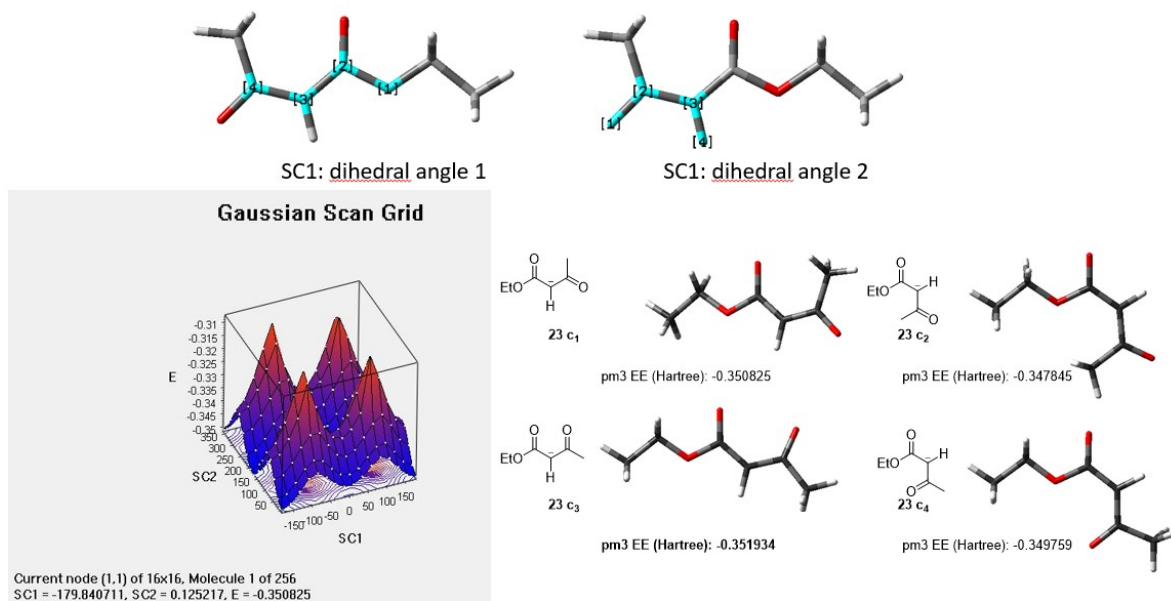


Figure S1. Conformational analysis for anion R_{23}^- with representation of the two dihedral angles scanned (pm3, CH_3CN , 16 steps of 24° for each angle, for a total of 256 conformers), energy map and representation of the most stable four conformers.

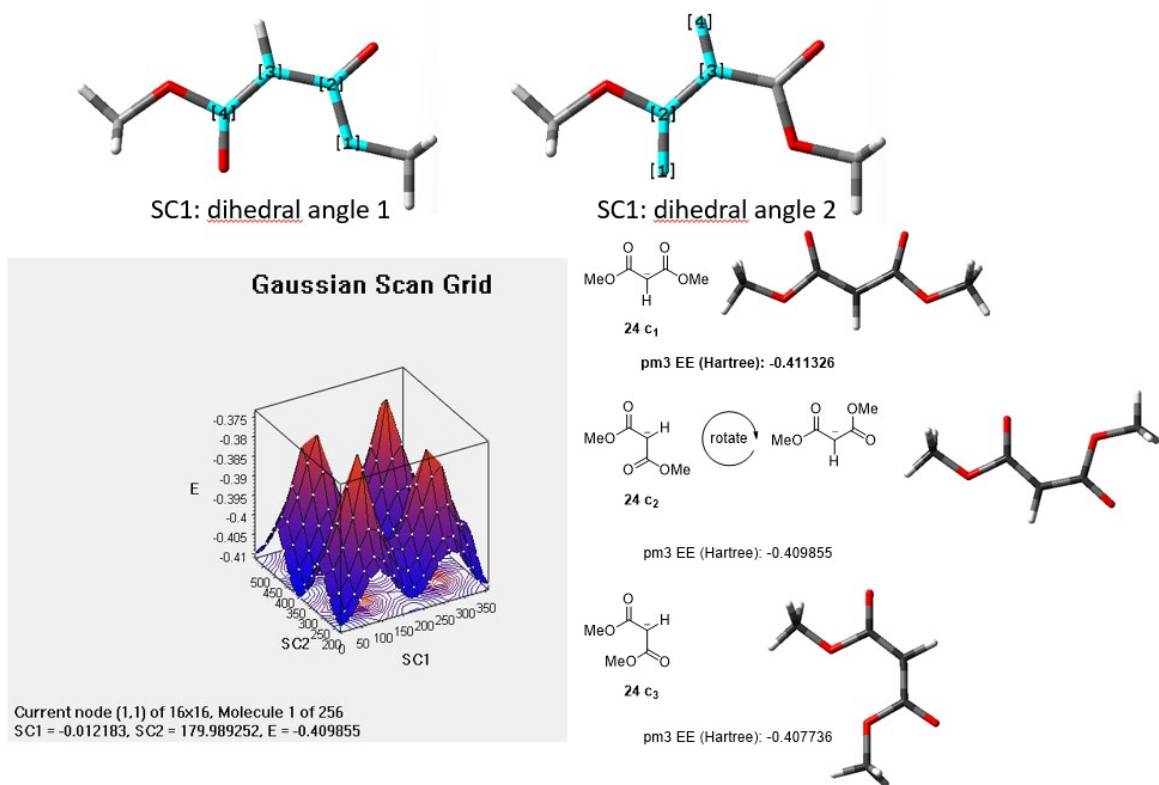


Figure S2. Conformational analysis for anion R_{24}^- with representation of the two dihedral angles scanned (pm3, CH_3CN , 16 steps of 24° for each angle, for a total of 256 conformers), energy map and representation of the most stable three conformers.

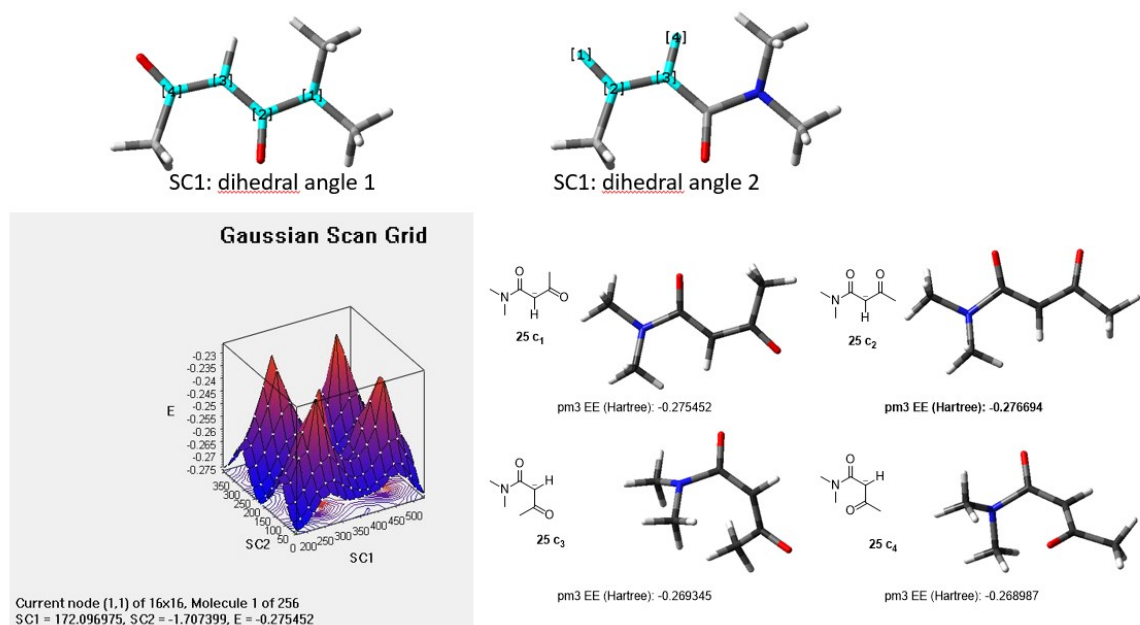


Figure S3. Conformational analysis for anion R_{25}^- with representation of the two dihedral angles scanned (pm3, CH_3CN , 16 steps of 24° for each angle, for a total of 256 conformers), energy map and representation of the most stable four conformers.

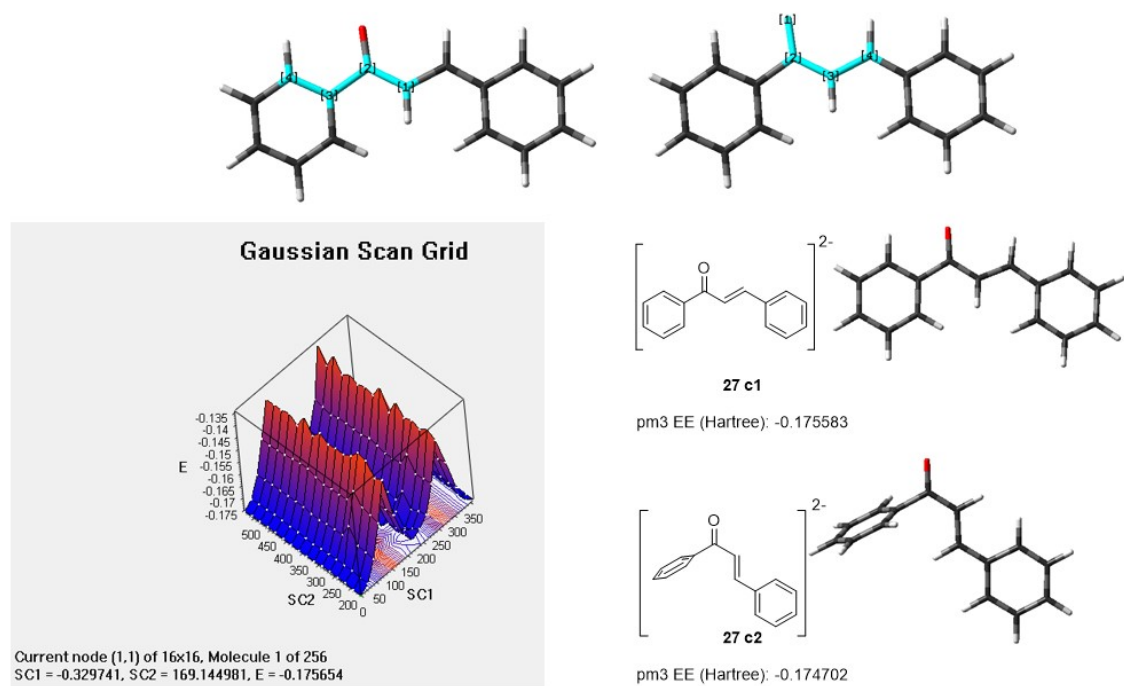


Figure S4. Conformational analysis for anion R_{27}^{2-} with representation of the two dihedral angles scanned (pm3, CH_3CN , 16 steps of 24° for each angle, for a total of 256 conformers), energy map and representation of the most stable two conformers.

For R_{23}^- , R_{24}^- and R_{25}^- , DFT optimisations of the anions at ω b97xd/aug-cc-pvtz// ω b97xd/def2tzvp level were performed on the different conformers to evaluate their relative stability. Then, for the two most stable conformers of each carbanion, calculations were executed also on the corresponding carboxylated species and transition state, to evaluate the impact of the conformational difference on the thermodynamic and activation free energy barrier of the carboxylation step. The results are represented in Table S1, showing that the initial conformation of the carbanions has a minor impact on the calculated ΔG^0 and ΔG^\ddagger .

Table S1. Calculated relative free energies between conformers of R_{23}^- , R_{24}^- and R_{25}^- and respective ΔG^0 and ΔG^\ddagger for the carboxylation step for the most stable ones (ω b97XD/aug-cc-pvtz// ω b97XD/def2tzvp). Attention was paid in maintaining the conformational motif when optimising the product and the transition state of the corresponding conformer. See the images of the corresponding conformers in Figure S1, S2 and S3. See geometries and x,y,z coordinates in **Section N.2**.

Carbanion conformers	Relative free energy	Carboxylation step	
	(kcalmol ⁻¹)	ΔG^0 (kcalmol ⁻¹)	ΔG^\ddagger (kcalmol ⁻¹)
R_{23}^- c ₁ (reported in the main text)	0.00	4.54	13.87
R_{23}^- c ₂	1.41		
R_{23}^- c ₃	0.60	3.80	14.13
R_{23}^- c ₄	1.37		
R_{24}^- c ₁ (reported in the main text)	0.00	4.25	13.69
R_{24}^- c ₂	1.23	2.11	13.53
R_{24}^- c ₃	2.12		
R_{25}^- c ₁ (reported in the main text)	0.00	-2.29	12.59
R_{25}^- c ₂	0.17	-1.55	11.94
R_{25}^- c ₃	3.32		
R_{25}^- c ₄	1.77		

C. FUNCTIONALS AND BASIS SET COMBINATIONS

To select the best performing level of theory that we employ in the main text analysis, comparison of different functionals and basis set was done taking advantage of the availability of an experimental ΔG^\ddagger value of 10.0 kcal·mol⁻¹ for the carboxylation of the indenide anion R_2^- from a bimolecular rate constant of $2.09 \pm 0.07 \cdot 10^5 \text{ M}^{-1}\text{s}^{-1}$ (in dimethylsulfoxide at 20°C),¹. Computed energies for this selected carboxylation reaction are

shown in the Table S2. ω b97XD/aug-cc-pvtz// ω b97XD/def2tzvp level (calculated $\Delta G^\ddagger = 11.9$ kcalmol⁻¹ for carboxylation of R_2^-) was chosen as the level of theory among the ones tested.

Table S2. ΔG^\ddagger for indenide anion R_2^- obtained with different levels of theory, solvent IEFPCM (DMSO).

level of theory	ΔG^\ddagger (kcal/mol)
b3lyp/g-311g(d,p)//b3lyp/g-311g(d,p)	12.8
ω b97xd/def2tzvp// ω b97xd/def2tzvp	12.6
ωb97xd/aug-cc-pvtz//ωb97xd/def2tzvp	11.9
b2plypd/aug-cc-pvtz// ω b97xd/def2tzvp	15.2
ω b97xd/def2tzvp// ω b97xd/def2tzvp with Truhlar entropy correction (cut-off of 100 cm ⁻¹)	13.7
ω b97xd/def2tzvp// ω b97xd/def2tzvp with Truhlar entropy correction (cut-off of 50 cm ⁻¹)	13.1
IEFPCM(DMSO)/B3LYP-D3/6-311+G(d,p) ¹	7.9
Experimental (dmsO, 20°C) ¹	10.0

D. ΔG^\ddagger AND EXPERIMENTAL pK_{AH}

Table S3. Computed ΔG^\ddagger (ω b97xd/aug-cc-pvtz// ω b97xd/def2tzvp, IEFPCM(CH₃CN)) and experimental pK_{AH} of carbanions R_i^- .

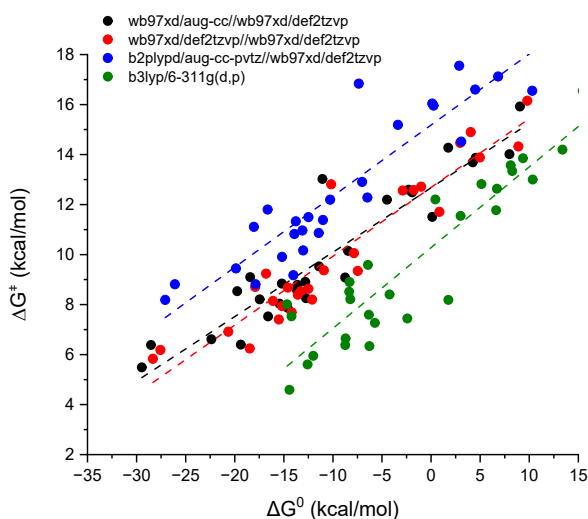
i	species	pK_{AH} (DMSO; H ₂ O)	ΔG (kcal/mol)
1	cyclopentadiene_anion	18.00	14.27
2	indene_anion	20.10	12.19
3	malonitrile_anion	11.10	14.02
4	acetylene_anion	24.00	7.52
5	phenylacetylene_anion	28.80	8.21
6	diphenylmethane_anion	32.20	6.61
7	pCNtoluene_anion	30.80	8.53
8	pCOPhtoluene_anion	26.90	9.09
9	pNO2toluene_anion	20.40	13.02
10	acetone_anion	26.50	8.90
11	dimethylpentanone_anion	28.30	8.04
12	cyclobutanone_anion	25.10	7.88
13	cyclohexanone_anion	26.40	8.79
14	acetophenone_anion	24.70	8.26
15	pCNacetophenone_anion	22.00	10.15
16	pNMe2acetophenone_anion	27.50	8.84
17	Benzoylacetone_nitrile_anion	10.20	15.92
18	Phbenzylketone_anion	14.20	12.49
19	2-Facetophenone_anion	21.60	8.59
20	phepropanone_anion	24.40	9.53
21	acetic acid tert-butyl ester_anion	30.30	6.40
22	^t BuPhenylacetate_anion	23.60	9.08
23	Etacetoacetate_anion	14.20	13.87
24	diMealonate_anion	15.70	13.69
25	diMeacetoacetamid_anion	18.20	12.59
26	3-oxo-3-pyrrolidin-1-yl-propionitrile_anion	17.20	11.50

E. GIBBS ENERGY TABLES AND CORRELATIONS WITH DIFFERENT LEVELS OF CALCULATIONS

The plot of ΔG^\ddagger vs ΔG^0 values show a fair linear trend according to eq. 2 in the manuscript also with different combinations of functionals and basis sets. The Figure S1 highlight the linear trends of the collected energy data (reported in Table S3-6).

The data plot of ΔG^\ddagger vs ΔG^0 for ω b97xd/aug-cc-pvtz// ω b97xd/def2tzvp (Figure 1 in the manuscript and Figure S5, black dots) values show a fair linear trend with a slope of $\alpha = 0.26 \pm 0.02$ and an intercept of $\Delta G_0^\ddagger = 12.7 \pm 0.3$ kcalmol⁻¹

Similar slopes (α) of 0.28 ± 0.02 are obtained with ω b97xd/def2tzvp// ω b97xd/def2tzvp (red dots) and b2plypd/aug-cc-pvtz// ω b97xd/def2tzvp (blue dots) although there is a major change in the intercept value (ΔG_0^\ddagger) of 15.2 ± 0.3 kcalmol⁻¹ in the case of the double hybrid functional (/aug-cc-pvtz// ω b97xd/def2tzvp). Comparable behaviour is obtained at b3lyp/g-311g(d,p)//b3lyp/g-311g(d,p) (green dots) level of theory confirming that not so dissimilar results can be obtained using less demanding computational cost.



Equation	$y = a + b \cdot x$	Equation	$y = a + b \cdot x$	Equation	$y = a + b \cdot x$
Plot	DeltaG#	Plot	DeltaG#	Plot	DeltaG#
Weight	No Weighting	Weight	No Weighting	Weight	No Weighting
Intercept	12.68526 ± 0.26781	Intercept	10.27737 ± 0.24653	Intercept	15.18141 ± 0.30755
Slope	0.2753 ± 0.01943	Slope	0.32285 ± 0.02698	Slope	0.28446 ± 0.02331
Residual Sum of Squares	27.16677	Residual Sum of Squares	42.34387	Residual Sum of Squares	40.07003
Pearson's r	0.94093	Pearson's r	0.91998	Pearson's r	0.92268
R-Square (COD)	0.88534	R-Square (COD)	0.84636	R-Square (COD)	0.85134
Adj. R-Square	0.88093	Adj. R-Square	0.84045	Adj. R-Square	0.84562

Figure S5. Calculated ΔG^\ddagger vs ΔG^0 data for ω b97xd/def2tzvp// ω b97xd/def2tzvp (red dots), ω b97xd/aug-cc-pvtz// ω b97xd/def2tzvp (black dots), b2plypd/aug-cc-pvtz// ω b97xd/def2tzvp (blue dots) and b3lyp/g-311g(d,p)//b3lyp/g-311g(d,p) (green dots), all with IEFPCM(CH₃CN). Linear fitting equations can be derived considering the values of slope as α parameter and the value of intercept as ΔG_0^\ddagger (following eq. 2 in the manuscript) for each levels of calculation.

Table S5. Gibbs Energies, Enthalpic and Entropic contributions at ωb97XD/def2tzvp//ωb97XD/def2tzvp level, IEFPCM(CH₃CN).

i	species	charge	mult.	Gibbs (hartree)	CORRECTED + 1.90 (kcal/mol)		CORRECTED + 1.90 (kcal/mol)		ΔG°	ΔG*	ΔH°	ΔH*	TΔS°	TΔS*
					Gibbs (kcal/mol)	Enthalpy (hartree)	Enthalpy (kcal/mol)							
	CO ₂	0	1	-188.617485	-118357.38	-188.592598	-118341.77							
1	cyclopentadiene_anion	-1	1	-193.560277	-121459.03	-193.529044	-121439.43	2.969	14.466	-7.438	4.030	-10.407	-10.436	
	cyclopentadiene_COO	-1	1	-382.170002	-239813.45	-382.130467	-239788.64							
	cyclopentadiene_COO_TS	-1	1	-382.151681	-239801.95	-382.112192	-239777.17							
2	indene_anion	-1	1	-347.166230	-217848.24	-347.128857	-217824.79	-2.891	12.561	-13.543	2.380	-10.652	-10.181	
	indene_COO	-1	1	-535.785294	-336208.52	-535.740009	-336180.10							
	indene_COO_TS	-1	1	-535.760670	-336193.06	-535.714634	-336164.18							
3	malonitrile_anion	-1	1	-224.514966	-140883.40	-224.481943	-140862.67	8.896	14.323	-1.817	4.263	-10.713	-10.060	
	malonitrile_COO	-1	1	-413.115246	-259231.88	-413.074409	-259206.26							
	malonitrile_COO_TS	-1	1	-413.106598	-259226.46	-413.064719	-259200.18							
4	acetylene_anion	-1	1	-76.825328	-48206.73	-76.802405	-48192.35	15.508	7.403	-25.240	-0.449	-9.733	-7.851	
	acetylene_COO	-1	1	-265.464498	-166579.62	-265.432198	-166559.35							
	acetylene_COO_TS	-1	1	-265.427988	-166556.71	-265.392690	-166534.56							
5	phenylacetylene_anion	-1	1	-307.813196	-193153.84	-307.775762	-193130.35	-16.100	8.147	-25.810	-0.282	-9.710	-8.429	
	phenylacetylene_COO	-1	1	-496.453310	-311527.32	-496.406463	-311497.92							
	phenylacetylene_COO_TS	-1	1	-496.414670	-311503.07	-496.365782	-311472.39							
6	diphenylmethane_anion	-1	1	-501.928287	-314962.92	-501.880882	-314933.17	-20.654	6.911	-30.791	-2.433	-10.136	-9.345	
	diphenylmethane_COO	-1	1	-690.576569	-433340.96	-690.519520	-433305.73							
	diphenylmethane_COO_TS	-1	1	-690.531730	-433313.39	-690.474330	-433277.37							
7	pCtoluene_anion	-1	1	-363.208897	-227915.17	-363.168689	-227889.94	-17.915	8.707	-28.330	-0.917	-10.415	-9.624	
	pCtoluene_COO	-1	1	-551.851904	-346290.47	-551.803406	-346260.03							
	pCtoluene_COO_TS	-1	1	-551.809478	-346263.84	-551.759720	-346232.62							
8	pCO ₂ Ph ₂ toluene_anion	-1	1	-615.272522	-386087.51	-615.220511	-386054.88	-16.801	9.239	-27.266	0.039	-10.464	-9.200	
	pCO ₂ Ph ₂ toluene_COO	-1	1	-803.913754	-504461.70	-803.853532	-504423.91							
	pCO ₂ Ph ₂ toluene_COO_TS	-1	1	-803.872256	-504435.66	-803.810019	-504396.60							
9	pNO ₂ toluene_anion	-1	1	-475.501742	-298380.01	-475.459439	-298353.46	-10.176	12.811	-20.070	2.882	-9.893	-9.929	
	pNO ₂ toluene_COO	-1	1	-664.132416	-416747.57	-664.080992	-416715.30							
	pNO ₂ toluene_COO_TS	-1	1	-664.095783	-416724.58	-664.044416	-416692.35							
10	acetone_anion	-1	1	-192.615488	-120866.17	-192.583402	-120846.03	12.496	8.629	-22.591	-0.893	-10.095	-9.522	
	acetone_COO	-1	1	-381.249859	-239236.05	-381.208973	-239210.39							
	acetone_COO_TS	-1	1	-381.216194	-239214.92	-381.174396	-239188.69							
11	dimethylpentanone_anion	-1	1	-349.762574	-219477.47	-349.716322	-219448.45	-15.177	7.936	-28.175	-2.958	-12.998	-10.894	
	dimethylpentanone_COO	-1	1	-538.401217	-337850.03	-538.350792	-337818.39							
	dimethylpentanone_COO_TS	-1	1	-538.364384	-337826.92	-538.310606	-337793.17							
12	cyclobutanol_anion	-1	1	-230.683917	-144754.47	-230.651406	-144734.07	-14.193	7.688	-24.663	-2.404	-10.470	-10.092	
	cyclobutanol_COO	-1	1	-419.320992	-263126.05	-419.280279	-263100.50							
	cyclobutanol_COO_TS	-1	1	-419.286123	-263104.17	-419.244807	-263078.24							
13	cyclohexanol_anion	-1	1	-309.291258	-194081.33	-309.254072	-194058.00	-13.275	8.530	-24.291	-1.838	-11.017	-10.368	
	cyclohexanol_COO	-1	1	-497.926870	-312451.99	-497.882353	-312424.06							
	cyclohexanol_COO_TS	-1	1	-497.892122	-312430.19	-497.846571	-312401.60							
14	acetophenone_anion	-1	1	-384.303018	-241151.93	-384.264859	-241127.99	-12.112	8.199	-20.878	-0.206	-8.766	-8.405	
	acetophenone_COO	-1	1	-572.936777	-359521.43	-572.887700	-359490.63							
	acetophenone_COO_TS	-1	1	-572.904409	-359501.12	-572.854758	-359469.96							
15	pNacetylphenone_anion	-1	1	-476.558307	-299043.01	-476.513412	-299014.84	-7.848	10.055	-18.097	0.124	-10.248	-9.931	
	pNacetylphenone_COO	-1	1	-665.185271	-417408.24	-665.131821	-417374.70							
	pNacetylphenone_COO_TS	-1	1	-665.156741	-417390.34	-665.102785	-417356.48							
16	pNMe ₂ acetophenone_anion	-1	1	-518.214269	-325182.53	-518.163503	-325150.67	-14.582	8.680	-24.760	-1.323	-10.178	-10.003	
	pNMe ₂ acetophenone_COO	-1	1	-706.851964	-443554.49	-706.792530	-443517.20							
	pNMe ₂ acetophenone_COO_TS	-1	1	-706.814893	-443531.23	-706.755181	-443493.76							
17	Benzoylacetonitrile_anion	-1	1	-476.586084	-299060.44	-476.540736	-299031.99	9.805	16.154	-0.783	5.593	-10.588	-10.561	
	Benzoylacetonitrile_COO	-1	1	-665.184916	-417408.02	-665.131554	-417374.54							
	Benzoylacetonitrile_COO_TS	-1	1	-665.174798	-417401.67	-665.121393	-417368.16							
18	Phbenzylketone_anion	-1	1	-615.296022	-386102.26	-615.243510	-386069.31	-1.008	12.717	-11.843	1.831	-10.835	-10.886	
	Phbenzylketone_COO	-1	1	-803.912086	-504460.65	-803.851953	-504422.92							
	Phbenzylketone_COO_TS	-1	1	-803.890214	-504446.93	-803.830163	-504409.24							
19	2-Facetophenone_anion	-1	1	-483.560058	-303436.68	-483.517030	-303409.68	-13.566	8.392	-24.236	-1.849	-10.670	-10.241	
	2-Facetophenone_COO	-1	1	-672.196134	-421807.63	-672.145223	-421775.68							
	2-Facetophenone_COO_TS	-1	1	-672.161141	-421785.67	-672.109546	-421753.29							
20	phepropanone_anion	-1	1	-423.593386	-265807.02	-423.548703	-265778.98	-10.920	9.366	-22.499	-1.390	-11.579	-10.756	
	phepropanone_COO	-1	1	-612.225246	-384175.32	-612.174128	-384143.24							
	phepropanone_COO_TS	-1	1	-612.192917	-384155.03	-612.140488	-384122.13							
21	acetic acid tert-butyl ester_anion	-1	1	-385.722142	-242042.45	-385.678231	-242014.89	-18.469	6.245	-29.475	-2.758	-11.006	-9.003	
	acetic acid tert-butyl ester_COO	-1	1	-574.366031	-360418.30	-574.314772	-360386.13							
	acetic acid tert-butyl ester_COO_TS	-1	1	-574.326647	-360393.58	-574.272196	-360359.42							
22	^t BuPhenylacetate_anion	-1	1	-616.715646	-386993.09	-616.659625	-386957.93	-7.466	9.346	-18.802	-0.850	-11.336	-10.196	
	^t BuPhenylacetate_COO	-1	1	-805.342001	-505357.94	-805.279158	-505318.50							
	^t BuPhenylacetate_COO_TS	-1	1	-805.315209	-505341.12	-805.250549	-505300.55							
23	Etacetoacetate_anion	-1	1	-459.799940	-288526.98	-459.753001	-288497.52	4.971	13.881	-5.732	3.658	-10.703	-10.223	
	Etacetoacetate_COO	-1	1	-648.406475	-406879.39	-648.351706	-406845.02							
	Etacetoacetate_COO_TS	-1	1	-648.392276	-406870.48	-648.336742	-406835.63							
24	diMemalonate_anion	-1	1	-495.740274	-311079.88	-495.693686	-311050.65	4.037	14.900	-6.820	4.390	-10.857	-10.510	
	diMemalonate_COO	-1	1	-684.348298	-429433.23	-684.294125	-429399.23							
	diMemalonate_COO_TS	-1	1	-684.330987	-429422.36	-684.276261	-429388.02							
25	diMeacetacetamid_anion	-1	1	-439.899292	-276039.13	-439.851955	-276009.42	-1.772	12.579	-11.653	1.840	-9.881	-10.739	
	diMeacetacetamid_COO	-1	1	-628.516573	-394398.28	-628.460095	-394362.84							
	diMeacetacetamid_COO_TS	-1	1	-628.493704	-394383.93	-628.438593	-394349.35							
26	3-oxo-3-pyrrolidin-1-yl-propionitrile_anion	-1	1	-456.921803	-286720.92	-456.875961	-286692.15	0.847	11.711	-10.193	1.411	-11.040	-10.301	
	3-oxo-3-pyrrolidin-1-yl-propionitrile_COO	-1	1	-645.534911	-405077.45	-645.481775	-405044.11							
	3-oxo-3-pyrrolidin-1-yl-propionitrile_COO_TS	-1	1	-645.517597	-405066.59	-645.463283	-405032.51							
27	calcone_DA	-2	1	-654.031138	-410412.68	-653.981641	-410377.86	-27.570	6.186	-38.096	-4.168	-10.526	-10.355	
	calcone_COO	-2	1	-842.695530	-528797.63	-842.631921	-528757.72							
	calcone_COO_TS	-2	1	-842.641737	-528763.88	-842.577854	-528723.79							
28	flavone_DA	-2	1	-728.077459	-456873.70	-728.023297	-456839.71	-28.338	5.832	-40.483	-4.798	-12.145	-10.630	
	flavone_COO	-2	1	-916.737075	-575259.42	-916.677381	-575221.96							
	flavone_COO_TS	-2	1	-916.682622	-575225.25	-916.620513	-575186.27							

F. MARCUS FITTING

ΔG^0 and ΔG^\ddagger data for the carbanion series were evaluated by the Marcus model for group transfer in bimolecular reactions.

$$\Delta G^\ddagger = \Delta G_0^\ddagger + 0.5 \cdot \Delta G^0 + \{(\Delta G^0)^2 / (16 \cdot \Delta G_0^\ddagger)\} \quad (\text{eq. 3 in the main manuscript})$$

The data fitting gives values of ΔG_0^\ddagger of 14.2 ± 0.4 kcal/mol which are similar to the ones obtained with the linear fitting showed in Figure 2A in the main text: $\Delta G_0^\ddagger = 12.7 \pm 0.3$ kcal/mol; obtained with the same by ω b97XD/aug-cc-pvtz// ω b97XD/def2tzvp level of theory.

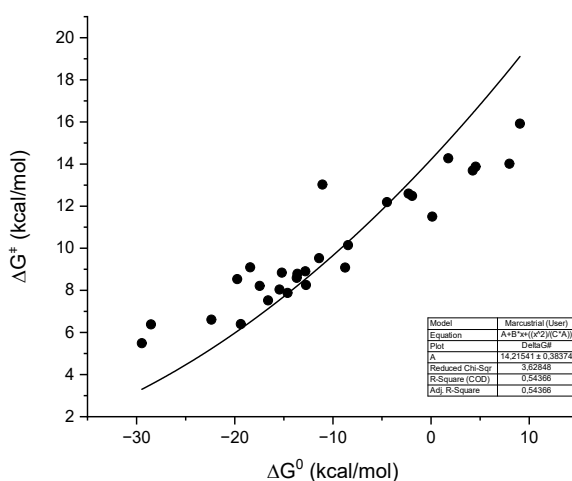


Figure S6. Quadratic fitting of calculated ΔG^\ddagger vs ΔG^0 , according to the Marcus model for group transfer reactions (eq. 3 in the manuscript) for ω b97XD/aug-cc-pvtz// ω b97XD/def2tzvp level of theory.

G. ELECTROPHILICITY VALUES OF CO₂

Electrophilicity values of CO₂ were estimated from the Mayr-Patz equation (eq. 6 in the main text) for the carbanions with reported values of N and S_N.

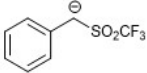
$$\log k(20^\circ\text{C}) = S_N(N + E) \quad (\text{eq. 6 in the main text})$$

log k(20°C) was determined from the calculated ΔG[‡] according to the Eyring equation, assuming a unitary transmission coefficient:

$$k = (k_B T / h) \times \exp(-\Delta G^\ddagger / RT), \text{ and rearranging:}$$

$$\log k(20^\circ\text{C}) = 12.78 - \Delta G^\ddagger / (2.303 \times 0.582)$$

Table S8. ΔG[‡], log k(20°C) and electrophilicity of CO₂.

Carbanion	N	S _N	ΔG [‡] (kcalmol ⁻¹)	log k(20°C)	E(CO ₂)	Ref
R ₂ ⁻	24.16	0.68	12.2	3.67	-18.8	this work
R ₂ ⁻	24.16	0.68	/	5.32	-16.33	Experimental From ref. ¹
R ₂ ⁻	24.16	0.68	7.93	6.86	-14.07	b3lyp-D3/6-311+G(d,p) From ref. ¹
R ₃ ⁻	19.36	0.67	14.0	2.33	-15.9	this work
R ₃ ⁻	19.36	0.67	11.18	4.44	-12.73	b3lyp-D3/6-311+G(d,p) From ref. ¹
R ₁₇ ⁻	16.55	0.78	15.9	0.91	-15.4	this work
R ₂₃ ⁻	18.82	0.69	13.9	2.41	-15.3	this work
R ₂₄ ⁻	20.22	0.65	13.7	2.56	-16.3	this work
	18.67	0.68	8.38	6.53	-9.1	b3lyp-D3/6-311+G(d,p) From ref. ¹

H. ENTHALPIC AND ENTROPIC CONTRIBUTIONS

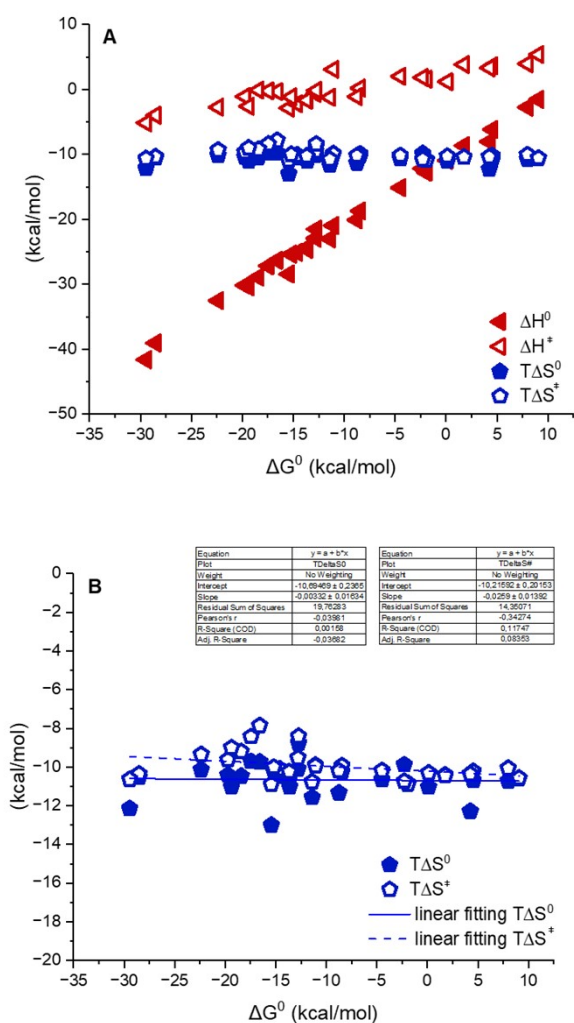


Figure S7. A) Dependence of enthalpic (ΔH^0 and ΔH^\ddagger , red symbols) and entropic ($T\Delta S^0$ and $T\Delta S^\ddagger$, blue symbols) respect to ΔG^0 of the carboxylation step. B) Linear fitting of the data for $T\Delta S^0$ and $T\Delta S^\ddagger$ give slope of 0.00 ± 0.01 and and intercept of -0.03 ± 0.01 kcalmol⁻¹ respectively.

I. ΔE^\ddagger DISTORTION: DIFFERENCE BETWEEN CARBANION AND CO_2 DISTORTION AT THE TRANSITION STATE

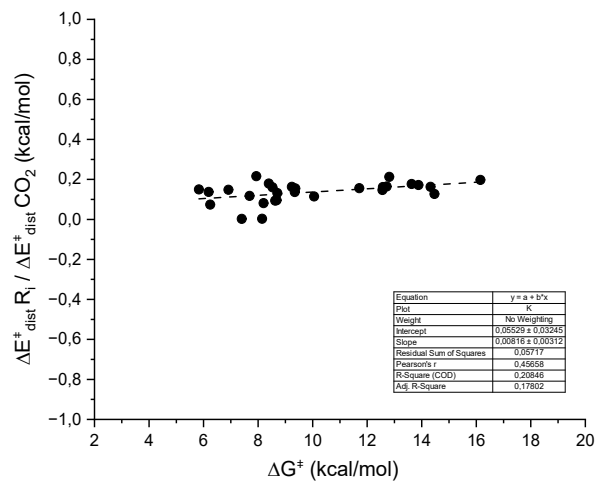


Figure S8. $\Delta E_{\text{distortion}}^\ddagger$ ratio between carbanion and CO_2 (SPE calculated at transition state geometries) respect to ΔG^\ddagger of the carboxylation step.

L. ΔE^\ddagger DISTORTION: ENERGY TABLES

Table S9. Potential energy of activation (ΔE^\ddagger) values calculated considering the electronic energies of CO_2 , R_i^- and R_i^- -TSs, obtained at $\omega\text{B97XD}/\text{def2tzvp}/\omega\text{B97XD}/\text{def2tzvp}$ level of theory.

i	species	charge	mult.	E (hartree)	E	(kcal/mol)		
						ΔE distortion total	ΔE distortion anion	ΔE distortion CO_2
	CO_2	0	1	-188.608	-118353			
1	cyclopentadiene_anion	-1	1	-193.614	-121494	23.0163	2.599333	20.417
	cyclopentadiene_distorted	-1	1	-193.609	-121492			
	distorted CO_2	0	1	-188.575	-118333			
2	indene_anion	-1	1	-347.264	-217911	17.81098	2.280872	15.530
	indene_distorted	-1	1	-347.26	-217909			
	distorted CO_2	0	1	-188.583	-118338			
3	malonitrile_anion	-1	1	-224.519	-140888	17.68184	2.472388	15.209
	malonitrile_distorted	-1	1	-224.515	-140886			
	distorted CO_2	0	1	-188.584	-118338			
4	acetylene_anion	-1	1	-76.8211	-48206	7.940193	0.021273	7.919
	acetylene_distorted	-1	1	-76.821	-48205.9			
	distorted CO_2	0	1	-188.595	-118345			
5	phenylacetylene_anion	-1	1	-307.881	-193199	8.100145	0.023406	8.077
	phenylacetylene_distorted	-1	1	-307.881	-193199			
	distorted CO_2	0	1	-188.595	-118345			
6	diphenylmethane_anion	-1	1	-502.088	-315065	8.74786	1.126191	7.622
	diphenylmethane_distorted	-1	1	-502.087	-315064			
	distorted CO_2	0	1	-188.596	-118346			
7	pCNtoluene_anion	-1	1	-363.29	-227968	9.63974	1.121109	8.519
	pCNtoluene_distorted	-1	1	-363.289	-227967			
	distorted CO_2	0	1	-188.594	-118345			
8	pCOPhtoluene_anion	-1	1	-615.44	-386194	11.20757	1.570343	9.637
	pCOPhtoluene_distorted	-1	1	-615.437	-386193			
	distorted CO_2	0	1	-188.593	-118344			
9	pNO ₂ toluene_anion	-1	1	-475.586	-298435	14.83157	2.598894	12.233
	pNO ₂ toluene_distorted	-1	1	-475.582	-298432			
	distorted CO_2	0	1	-188.588	-118341			
10	acetone_anion	-1	1	-192.66	-120896	10.03639	0.857743	9.179
	acetone_distorted	-1	1	-192.659	-120895			
	distorted CO_2	0	1	-188.593	-118344			
11	dimethylpentanone_anion	-1	1	-349.911	-219573	8.423187	1.495606	6.928
	dimethylpentanone_distorted	-1	1	-349.909	-219571			
	distorted CO_2	0	1	-188.597	-118346			
12	cyclobutanone_anion	-1	1	-230.735	-144788	8.582951	0.900476	7.682
	cyclobutanone_distorted	-1	1	-230.734	-144788			
	distorted CO_2	0	1	-188.596	-118346			
13	cyclohexanone_anion	-1	1	-309.399	-194151	9.784004	1.351844	8.432
	cyclohexanone_distorted	-1	1	-309.397	-194150			
	distorted CO_2	0	1	-188.595	-118345			
14	acetophenone_anion	-1	1	-384.398	-241213	10.49184	0.787274	9.705
	acetophenone_distorted	-1	1	-384.396	-241212			
	distorted CO_2	0	1	-188.592	-118344			
15	pCNacetophenone_anion	-1	1	-476.648	-299101	12.11614	1.244916	10.871
	pCNacetophenone_distorted	-1	1	-476.646	-299100			
	distorted CO_2	0	1	-188.591	-118342			
16	pNMe ₂ acetophenone_anion	-1	1	-518.375	-325285	9.573663	0.838165	8.735
	pNMe ₂ acetophenone_distorted	-1	1	-518.373	-325284			
	distorted CO_2	0	1	-188.594	-118345			
17	Benzoylacetonitrile_anion	-1	1	-476.676	-299119	20.95926	3.456135	17.503
	Benzoylacetonitrile_distorted	-1	1	-476.67	-299115			
	distorted CO_2	0	1	-188.58	-118336			
18	Phbenzylketone_anion	-1	1	-615.464	-386209	16.84311	2.380018	14.463
	Phbenzylketone_distorted	-1	1	-615.46	-386207			
	distorted CO_2	0	1	-188.585	-118339			
19	2-Facetophenone_anion	-1	1	-483.644	-303491	8.708578	1.324422	7.384
	2-Facetophenone_distorted	-1	1	-483.642	-303490			
	distorted CO_2	0	1	-188.596	-118346			
20	phepropanone_anion	-1	1	-423.712	-265883	10.82661	1.451743	9.375
	phepropanone_distorted	-1	1	-423.71	-265882			
	distorted CO_2	0	1	-188.593	-118344			
21	acetic acid tert-butyl ester_anion	-1	1	-385.849	-242124	7.187432	0.492972	6.694
	acetic acid tert-butyl ester_distorted	-1	1	-385.848	-242123			
	distorted CO_2	0	1	-188.597	-118347			
22	^t BuPhenylacetate_anion	-1	1	-616.917	-387121	12.2055	1.465486	10.740
	^t BuPhenylacetate_distorted	-1	1	-616.914	-387120			
	distorted CO_2	0	1	-188.591	-118343			
23	Etacetoacetate_anion	-1	1	-459.908	-288596	18.89193	2.773404	16.119
	Etacetoacetate_distorted	-1	1	-459.903	-288594			
	distorted CO_2	0	1	-188.582	-118341			
24	diMemalonate_anion	-1	1	-495.825	-311145	17.87589	2.685515	15.190
	diMemalonate_distorted	-1	1	-495.821	-311142			
	diMemalonate_CO ₂ _TS	0	1	-188.583	-118338			
25	diMeacetoacetamid_anion	-1	1	-440.019	-276116	16.42488	2.281939	14.143
	diMeacetoacetamid_distorted	-1	1	-440.016	-276114			
	distorted CO_2	0	1	-188.585	-118339			
26	3-oxo-3-pyrrolidin-1-yl-propionitrile_anion	-1	1	-457.041	-286797	14.60987	1.972388	12.637
	3-oxo-3-pyrrolidin-1-yl-propionitrile_dist	-1	1	-457.037	-286795			
	distorted CO_2	0	1	-188.588	-118341			
27	calcene_DA	-2	1	-654.217	-410527	5.284133	0.637487	4.647
	calcene_distorted	-2	1	-654.216	-410527			
	distorted CO_2	0	1	-188.601	-118349			
28	flavone_DA	-2	1	-728.24	-456978	4.536141	0.591051	3.945
	flavone_distorted	-2	1	-728.24	-456977			
	distorted CO_2	0	1	-188.602	-118349			

M. O-C-O ANGLE DISTORTION AND C-C DISTANCE IN THE TRANSITION STATE

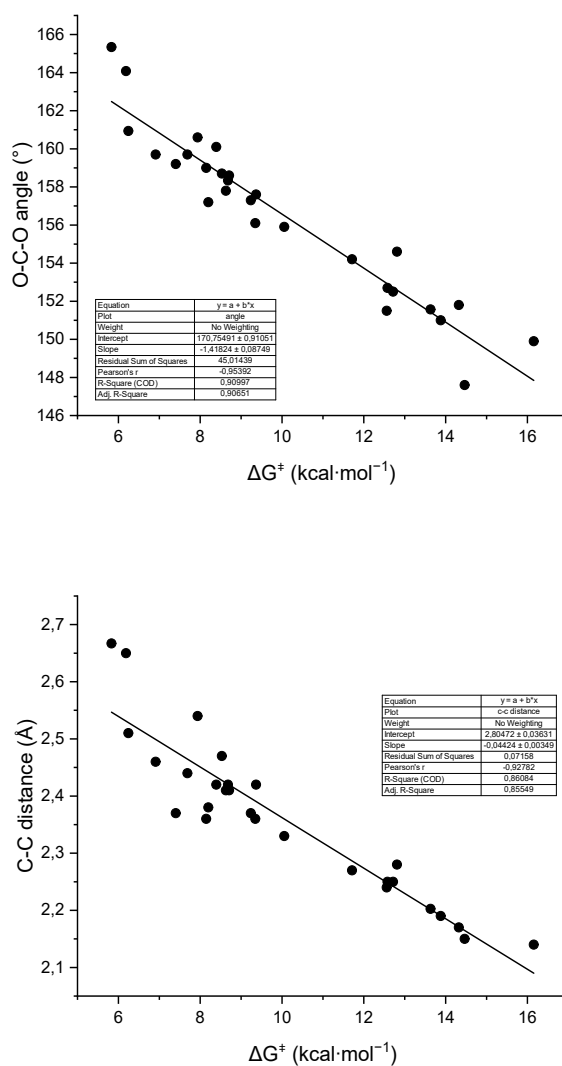



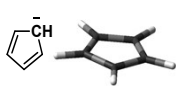

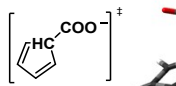
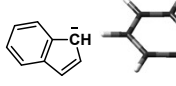
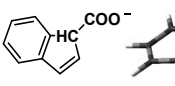
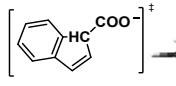
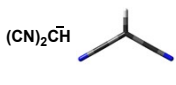

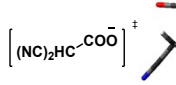
Figure S9. Dependence of O-C-O angle (bending of CO_2 , panel A) and of C-C distance (formation of the new C-C bond between R_i^- and CO_2 , panel B) in the transition state with respect to ΔG^\ddagger of the carboxylation reaction. Linear fittings of the data give slope values of $-1.41 \pm 0.09^\circ$ for the O-C-O angle and to a concomitant reduction of the C-C distance with a slope value of -0.044 ± 0.003 .


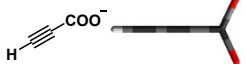
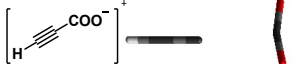

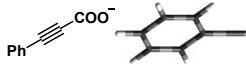
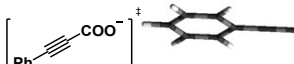
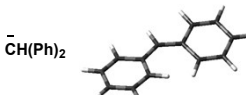
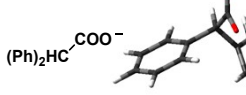
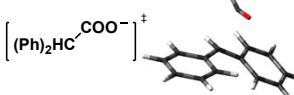
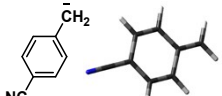
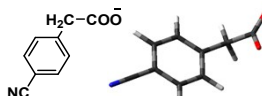
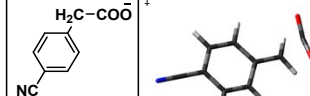
N. OPTIMIZED GEOMETRIES

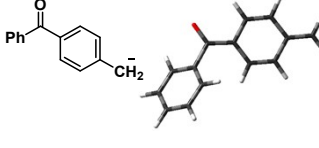
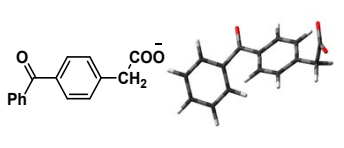
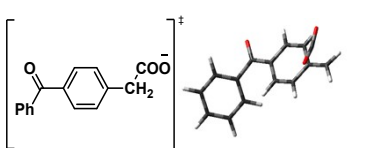
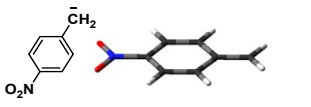
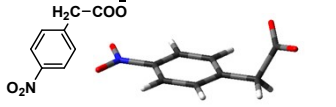
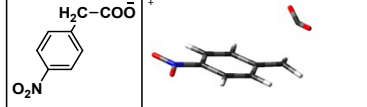
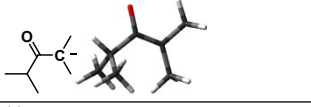
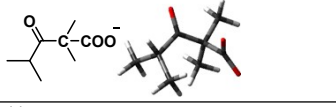
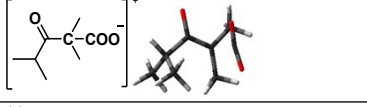
28 organic molecules (R_i-H) were considered for the linear correlations. The carbon atom which is considered to attack the CO_2 from the anion R_i^- is evidenced.

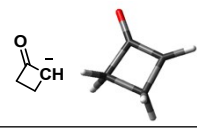
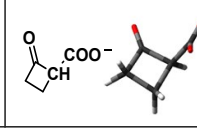
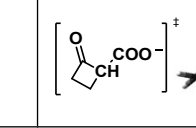
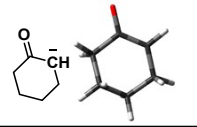
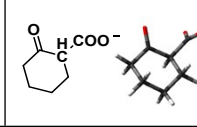
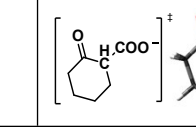
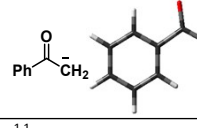
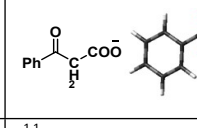
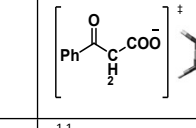
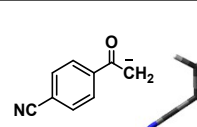
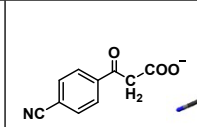
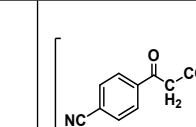


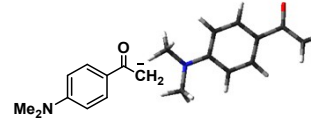
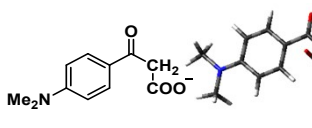
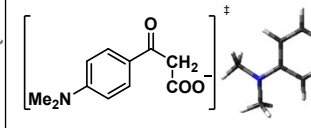
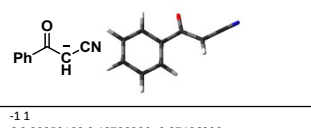
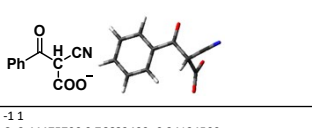
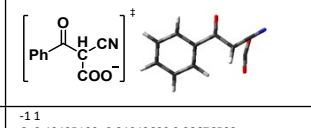
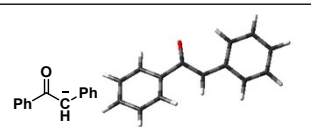
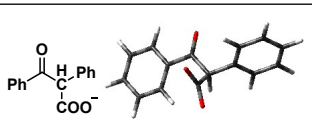
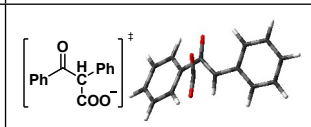
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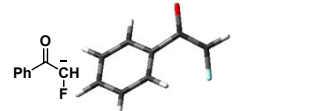
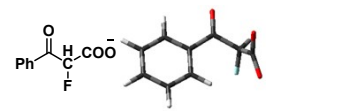
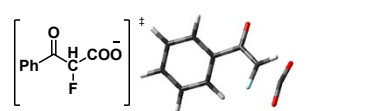
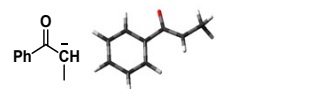
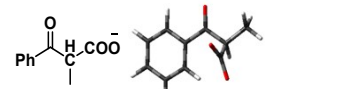
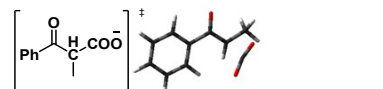
CO ₂			
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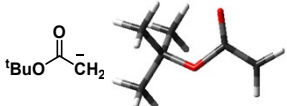

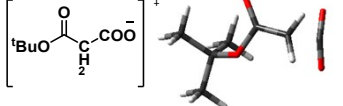
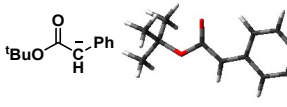
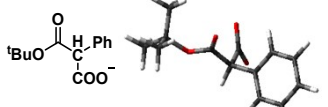
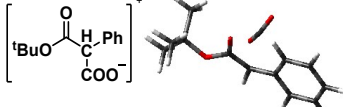
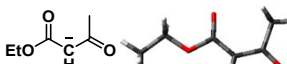
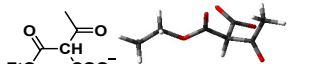
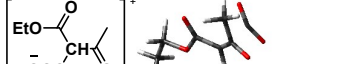
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	<p>-11 C 3.36072700 0.00002400 -0.00004800 C 2.11755600 -0.00003500 0.00002600 C 0.68866200 -0.00002800 0.00002800 C -0.04998100 1.20536500 0.00001500 C -0.05001600 -1.20538700 0.00001600 C -1.44134600 1.20319400 -0.00000600 H 0.48978400 2.14589200 0.00001900 C -1.44139000 -1.20316400 -0.00000600 H 0.48970700 -2.14594000 0.00001900 C -2.14943200 0.00002400 -0.00001800 H -1.97725500 2.14688400 -0.00001700 H -1.97732500 -2.14683900 -0.00001800 H -3.23359400 0.00004700 -0.00003600</p>	<p>-11 C -2.95849700 -1.20553300 0.00024000 C -1.56750000 -1.21023700 0.00041300 C -0.84839300 0.00001800 0.00018100 C -1.56754200 1.21025200 -0.00021800 C -2.95853500 1.20550000 -0.00039000 C -3.66076200 -0.00003000 -0.00016400 H -3.49600200 -2.14718400 0.00041900 H -1.02548400 -2.14848500 0.00072600 H -1.02555300 2.14851500 -0.00038700 H -3.49607600 2.14713100 -0.00070000 H -7.44622000 -0.00004700 -0.00029900 C 0.57906200 0.00005000 0.00037800 C 1.79240800 0.00004200 0.00054700 C 3.29133400 0.00002000 -0.00009400 O 3.82412000 0.00075100 1.13031800 O 3.82316500 -0.00079000 -1.13095700</p>	<p>-11 C 3.19609400 -1.19945500 0.09878900 C 1.80469100 -1.20189400 0.09888200 C 1.06939000 0.00001200 0.00000700 C 1.80471700 1.20190300 -0.09887500 C 3.19612000 1.19943200 -0.09879500 C 3.90317600 -0.00001900 -0.00000700 H 3.73252600 -2.13964000 0.17614600 H 1.26452100 -2.13891800 0.17585700 H 1.26456700 2.13893800 -0.17584500 H 3.73230200 2.13960500 -0.17615700 H 4.98730400 -0.00003100 -0.00001200 C -0.35988800 0.00002700 0.00001400 C -1.59856400 0.00003900 0.00002100 C -4.10161700 -0.00000800 -0.00000800 O -4.27904900 -0.24044000 -1.13186900 O -4.27908500 0.24041800 1.13184900</p>
6			
	<p>-11 C -0.00001100 -0.97810800 -0.00006300 H -0.00003500 -2.06744100 0.00001300 C -1.30303300 -0.40531600 -0.00827600 C -2.43776500 -1.27409000 0.13444900 C -1.63952900 0.97739900 -0.18025400 C -3.74294200 -0.81593800 0.13466000 H -2.25210700 -2.33869100 0.25368600 C -2.95718300 1.42429200 -0.17920600 H 0.86612400 1.70449700 -0.35881600 C -4.03415500 0.54972400 -0.01423100 H -4.55338300 -1.53053200 0.25380300 H -3.14539000 2.48595700 -0.31931100 H -5.05639800 0.91032900 -0.00809600 C 1.30302400 -0.40531800 0.00821800 C -2.43780400 -1.27409100 -0.13444800 C 1.63950400 0.97737600 0.18019600 C 3.74296200 -0.81593200 -0.13459900 H 2.25215800 -2.33869600 -0.25369600 C 2.95717000 1.42429100 0.17921500 H 0.86611300 1.70450200 0.35872200 C 4.03415700 0.54975200 0.01431500 H 4.55341800 -1.53051600 -0.25369500 H 3.14532400 2.48596400 0.31932100 H 5.05639700 0.91036700 0.00821500</p>	<p>-11 C 0.01571000 0.76004100 -0.62839800 H 0.03880200 0.88903900 -1.71187300 C 1.25762200 -0.03040700 -0.24659200 C 2.21089600 -0.34265000 -1.22405700 C 1.50156500 -0.45163500 1.06850800 C 3.37155000 -1.04911400 -0.90512800 H 2.04105700 -0.02830400 -2.24916300 C 2.65808700 -1.15777500 1.39046200 H 0.78516900 -0.20689000 1.84095000 C 3.60032800 -1.46115900 0.40578000 H 4.09318300 -1.27792000 -1.68227600 H 2.82640900 -1.47281800 2.41512800 H 4.49950400 -2.01201700 0.65885400 C -1.27293300 0.01152900 -0.30051900 C -1.85189900 -0.81009800 -1.27818500 C -1.90756800 0.09737300 0.94618300 C -3.01806500 -1.52915800 -1.02162000 H -1.38002800 -0.88701800 -2.25296400 C -3.07455900 -0.62131800 1.20568600 H -1.48095900 0.75032600 1.69712900 C -3.63510000 -1.43969600 0.22583700 H -3.44544000 -2.15669300 -1.79658100 H -3.54993700 -0.53705000 2.17748000 H -4.54295400 -1.99685000 0.42938400 C 0.04065800 2.22175400 -0.02717300 O 0.16470000 2.32528900 1.21764300 O -0.07252100 3.14345600 -0.86648800</p>	<p>-11 C -0.01315800 0.33388100 -0.73162000 H 0.00652700 1.03033100 -1.56620500 C 1.27943200 -0.23095700 -0.44300700 C 2.43383500 0.38204800 -0.02267600 C 1.55082600 -1.37087800 0.36825900 C 3.72025200 -0.07526600 -0.79173200 H 2.28668400 1.24546400 -1.66530200 C 2.84832500 -1.82671300 0.58994400 H 0.73557200 -1.92740700 0.80787700 C 3.95453000 -1.18917100 0.02738200 H 4.55662300 0.43743300 -1.25890700 H 2.99335000 -2.70470400 1.21378800 H 4.96122000 -1.54738000 0.21024000 C -1.33327600 -0.15986300 -0.43917800 C -2.18335400 0.24746900 -1.27295400 C -1.69850500 -0.98867900 0.66045800 C -3.72616600 -0.15203600 -1.04870700 H -2.20002000 0.89047900 -2.12144700 C -3.01490300 -1.38836100 0.87691500 H -0.95178500 -1.28327000 1.38360400 C -4.04843800 -0.98841900 0.28663000 H -4.50743900 0.18526600 -1.72413000 H -3.23604000 -2.01831400 1.73426200 H -5.06968500 -1.30860600 0.20138500 C 0.13362400 2.21863800 0.90036800 O -0.11720900 1.68069000 1.91605800 O 0.41931600 3.08562700 0.15546000</p>
7			
	<p>-11 C 0.34119000 -1.21678800 0.00027500 C -1.02558800 -1.22230000 0.00028000 C -1.81737100 -0.00002200 -0.00013700 C -1.02572000 1.22230900 0.00014800 C 0.34107200 1.21688400 0.00035200 C 1.08976300 0.00008600 0.00028700 H 0.87920800 -2.16057500 0.00047500 H -1.55211300 -2.17287100 0.00046800 H -1.55226200 2.17288100 0.00030400 H 0.87898900 2.16071700 0.00054900 C -3.18937300 -0.00010400 -0.00046400 H -3.75237000 0.92700000 -0.00042600 H -3.75235700 -0.92741300 -0.00107900 C 2.49148800 0.00016600 -0.00015800 N 3.65978300 -0.00016100 -0.00054200</p>	<p>-11 C -2.19033200 0.01224600 0.02113800 C -1.57325900 1.26197000 0.18205200 C -0.21848200 1.40044000 -0.08899000 C 0.55691500 0.31480900 -0.52227900 C -0.07587000 -0.93086000 -0.67195900 C -1.42768300 -1.08740900 -0.40934600 H -2.15634700 2.11293900 0.51246200 H 0.24865700 2.37163100 0.03295900 H 0.51180100 -1.78224100 -0.98880400 H -1.90224000 -2.05307800 -0.53571800 C 2.02209100 0.47562600 -0.78751000 H 2.27676300 0.00177600 -1.74266900 H 2.28586100 1.53111900 -0.86035000 C -3.58397200 -0.14018600 0.28760100 N -4.71404600 -0.26420700 0.50309100 C 2.96632800 -0.20045400 0.28762500 O 3.97240400 0.47149100 0.60520400 O 2.63752200 -1.34271500 0.67860600</p>	<p>-11 C 2.13126800 -0.00000300 -0.04204900 C 1.44045700 1.21516700 0.21853000 C 0.15626400 1.21733400 0.69960900 C -0.57310500 0.00005100 0.96552900 C 0.15626600 -1.21726100 0.69974600 C 1.44045900 -1.21514600 0.21866700 H 1.94729200 2.15761700 0.03585800 H -0.33721800 2.16541600 0.89058700 H -0.33721400 -2.16532300 0.89083100 H 1.94729600 -2.15761500 0.03610000 C -1.89444900 0.00007500 1.40548700 H -2.35168800 -0.92353900 1.74232500 H -2.35168900 0.92372700 1.74221800 C 3.45244100 -0.00003000 -0.52898000 N 4.54550100 -0.00005100 -0.93221900 C -3.02908900 -0.00004100 -0.80489900 O -3.12612900 1.15800900 -0.98770800 O -3.12616600 -1.15810900 -0.98757100</p>

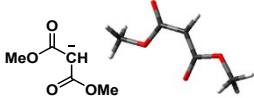
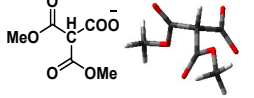
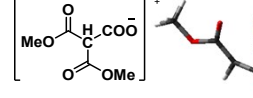
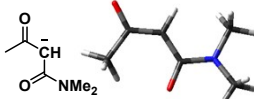
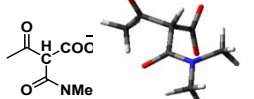
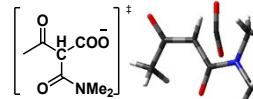
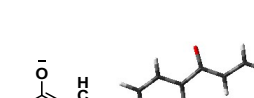
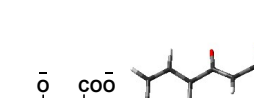
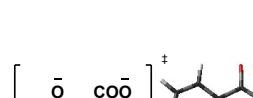
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9			
	<p>-11</p> <p>C -0.02897000 -1.22567100 0.00014400 C -1.38991200 -1.22841300 0.00008400 C -2.17410700 0.00000500 -0.00004500 C -1.38990400 1.22841800 0.00022000 C -0.02896000 1.22568900 0.00029400 C 0.70262300 0.00000900 0.00014600 H 0.52889000 -2.15285600 0.00024500 H -1.92330900 -2.17431400 0.00014900 H -1.92328300 2.17433000 0.00035300 H 0.52889700 2.15287500 0.00047800 H -3.53959300 -0.00000400 -0.00037600 H -4.10264500 0.92661400 -0.00031200 H -4.10259900 -0.92666600 -0.00037900 O 2.71779200 1.09755200 -0.00036000 O 2.71777800 -1.09757100 -0.00000600 N 2.08606200 -0.00000400 -0.00005900</p>	<p>-11</p> <p>C -2.43422100 0.44139100 -0.81050100 C -3.35778300 -0.18827200 0.31558200 O -4.34377900 0.50825800 0.63858000 O -3.03062300 -1.32145000 0.73113400 C -0.96728700 0.30022800 -0.55921100 C -0.33518700 -0.95438200 -0.63516300 C -0.18692100 1.41512600 -0.21207400 C 1.02017700 -1.09273300 -0.38440600 H -0.92786200 -1.82452800 -0.88223600 C 1.17182200 1.29714300 0.04490100 H -0.65390400 2.39152700 -0.14841300 C 1.76442900 0.03901200 -0.04581000 H 1.50892200 -2.05474400 -0.44823400 H 1.77233100 2.15658000 0.30742800 H -2.70585900 1.49004700 -0.93150200 H -2.70182500 -0.08524700 -1.73363200 N 3.19525300 -0.09728500 0.21430400 O 3.70124300 -1.21506400 0.12642200 O 3.83456500 0.91104000 0.51093400</p>	<p>-11</p> <p>C 2.35304500 -0.00003700 1.31041900 C 3.31039800 0.00002000 -0.76385600 O 3.42691600 1.15441000 -1.00593500 O 3.42685300 -1.15435700 -1.00602800 C 1.00491500 -0.00002700 0.94415200 C 0.27515100 -1.22044700 0.71503800 C 0.27514300 1.22040600 0.71513400 H -1.02888800 -1.22104800 0.29878000 H 0.78299500 -2.16439200 0.88215100 C -1.02889700 1.22103200 0.29887900 H 0.78298200 2.16434200 0.88232000 C -1.71003200 -0.00002000 0.79545000 H -1.56139200 -2.14836300 0.13566100 H -1.56140700 2.14835600 0.13583500 H 2.80918900 0.92160400 1.65271200 H 2.80919400 -0.92169900 1.65264900 N -3.05290600 0.00001100 -0.34223500 O -3.63914100 -1.09098000 -0.52746900 O -3.63915900 1.09101200 -0.52734700</p>
10			
	<p>-11</p> <p>C -0.13408700 0.10379000 0.00006900 C -1.17242300 -0.80542500 0.00000500 H -0.99900400 -1.87610000 0.00016400 H -2.20282300 -0.45627800 -0.00030500 C 1.29921700 -0.46100600 -0.00002400 H 1.83838500 -0.08629300 -0.87838500 H 1.83848600 -0.08614900 0.87817800 H 1.34870300 -1.55388800 0.00004500 O -0.22249900 1.37931900 0.00000100</p>	<p>-11</p> <p>C -1.18993500 0.31322900 0.03742400 C 0.14527700 0.65504400 0.64273100 H 0.17080600 0.38237100 1.70300800 O 3.1845200 1.72862900 0.55476900 C -1.83107000 -0.98473000 0.47704000 H -2.08360300 -0.93340300 1.54153500 H -2.73330800 -1.17902600 -0.10340600 H -1.10728700 -1.79085500 0.34285500 O -1.72277600 1.03820000 -0.78835000 C 1.35296000 -0.10351100 -0.04763100 O 1.06934400 -1.11768100 -0.72693500 O 2.47487500 0.39349700 0.17826700</p>	<p>-11</p> <p>C 1.30529300 -0.14320700 0.18732200 O 1.74250200 -1.24155500 -0.26934200 C 0.42835800 0.01507800 1.25892500 H 0.16586000 -0.85149100 1.86033600 H 0.21662200 0.99456400 1.66994600 C 1.76614600 1.12998300 -0.54343000 H 1.34188800 2.05125500 -0.13603500 H 2.85912500 1.19702500 -0.49966100 H 1.49774700 1.05811800 -1.60330000 C -1.74913900 -0.02222500 -0.13965800 O -2.04020500 1.11063400 -0.04269100 O -1.77544600 -1.15998500 -0.42174600</p>
11			
	<p>-11</p> <p>C -0.17500300 -0.71276300 0.00030700 C -1.35113600 -0.38696700 0.00026800 C -1.14546000 0.27451200 0.00035100 C -2.59673200 -0.13604400 -0.00001000 H -3.14935600 0.24160000 -0.87884600 H -2.66506200 -1.22540300 0.00051600 H -3.15013700 0.24266100 0.87778600 C -0.93459500 1.76749700 -0.00052900</p>	<p>-11</p> <p>C -0.58458700 -0.65975500 -0.49432200 C 0.72123200 -0.52681900 0.29463100 H -1.74834700 0.34864200 -0.35991200 H -2.19535100 0.33364000 -1.35958400 C -2.80487900 -0.23556600 0.60363600 H -3.71400600 0.37136700 0.57036400 H -3.06801800 -1.25704200 0.31985200 H -2.44874900 -0.24696000 1.63678100</p>	<p>-11</p> <p>C 0.65000600 0.53340200 -0.64327700 C -0.19930600 0.97568000 0.37521700 C 1.75906500 -0.53906700 -0.41504000 H 2.11033600 -0.71711100 -1.43682100 C 2.96548500 0.00395400 0.37197300 H 3.80250500 -0.70347800 0.34099400 H 3.31367200 0.94746300 -0.06009700 H 2.72790900 0.18826500 1.42248600</p>

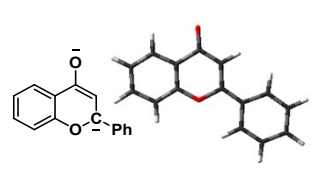
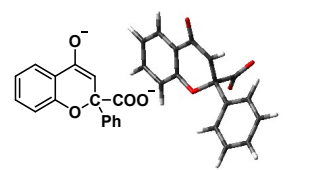
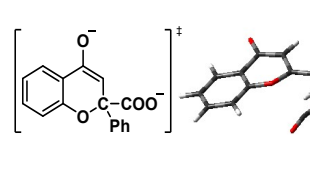
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12			
	<p>-11 C -0.44815200 -1.04342100 0.00001100 C -1.50145200 0.11292700 -0.00002400 H -0.46243700 -1.68698400 0.88940400 H -0.46239400 -1.68699600 -0.88937400 H -2.15906200 0.11433000 0.88459900 H -2.15899700 0.11433900 -0.88469600 C 0.64685300 0.07254800 0.00003400 O 1.90474200 -0.03413800 -0.00002500 C -0.31884200 1.06833900 0.00002800 H -0.26548500 2.15605600 -0.00002700</p>	<p>-11 C -0.79410300 -1.41586300 -0.53762400 C 0.00007500 -0.09743700 -0.73803300 C -1.71386700 -0.70923900 0.50453100 H -1.33772900 -1.73678500 -1.42790700 H -0.18474900 -2.22863900 -0.14760000 O 0.14415600 0.27358800 -1.75482700 H -2.79693000 -0.78505200 0.38362300 H -1.45466600 -0.94517300 1.54128500 C -1.08695900 0.61448100 0.05181900 O -1.39775200 1.77165300 0.20755600 C 1.40276300 0.00500100 0.00275300 O 1.76741100 -0.99421100 0.65634000 O 1.97815000 1.10261300 -0.15109700</p>	<p>-11 C 1.15115500 -1.39279200 0.50897800 C 0.53665100 -0.09420500 1.00607900 C 1.73600400 -0.56373000 -0.68048900 H 1.92716700 -1.85124300 1.14001200 H 0.45383100 -2.18714600 2.08371000 H 0.05002300 0.15710000 1.94585100 H 2.83065400 -0.55198000 -0.74846700 H 1.32940800 -0.81242400 -1.66807600 C 1.11293100 0.69417600 0.00255200 O 1.18607900 1.90423300 -0.31600000 C -1.86182900 -0.08192000 -0.11065200 O -1.80871100 -1.13630200 -0.61655500 O -2.20743700 0.96666100 0.27799200</p>
13			
	<p>-11 C 1.75354200 0.04771000 0.35927500 C 1.13986500 -1.27338300 -0.12390100 C -0.44466800 1.24888700 0.06812900 C 1.04419400 1.23271800 -0.30181000 H 1.52688200 -1.47336500 -1.14207500 H 1.53737000 -2.09676300 0.48866800 H 1.63709600 0.12590700 1.44853600 H 2.82967900 0.07334500 0.14891200 H -0.99963100 1.93265800 -0.58605100 H -0.3329400 1.64503600 1.08629400 H 1.14979100 1.14178000 -1.39136700 H 1.52309000 2.17929300 -0.02248300 C -1.15698000 -0.12070200 0.00646700 O -2.43999200 -0.07747900 0.06280100 C -0.37251900 -1.25156300 -0.07616600 H -0.89164300 -2.21006100 -0.12480900</p>	<p>-11 C -1.90127000 -1.36676900 -0.23476900 C -0.40797300 -1.43892500 0.10194200 C 0.39524300 -0.23254700 -0.43630600 C -1.76372800 1.16285800 -0.27035000 C -2.52058800 -0.06272000 0.27752900 H -0.26387700 -1.47651900 1.18592200 H 0.02838300 -2.35883300 -0.29944100 H -2.03865900 -1.43254700 -1.32162800 H -2.42413300 -2.22493400 0.20012400 H -2.13327200 2.09712100 0.15772200 H -1.90460100 1.21164700 -1.35803500 H -2.48102000 -0.04767400 1.37326500 H -3.57661600 0.00494100 0.00009400 H 0.33236700 -0.23727300 -1.53332100 C 1.90661000 -0.27465000 -0.05133200 C -0.26724400 1.07203500 -0.00889100 O 2.17847900 -0.70347000 1.09714900 O 2.70855600 0.12047100 -0.93164400 O 0.33985500 1.99654600 0.50054100</p>	<p>-11 C 2.14155500 -1.02196800 0.18969600 C 0.89819300 -1.16431800 0.08123200 C 0.05714600 0.09434400 1.11444500 C 1.26111200 1.08345600 -0.85946400 C 1.77449800 -0.33614200 -1.12925000 O 0.31361000 -2.02587400 0.71915600 H 1.21846200 -1.43936500 2.09699200 H 2.89808600 -0.41425600 0.70411900 H 2.59368200 -2.00376100 0.00593000 H 0.77218500 1.50236400 -1.74719500 H 2.10681100 1.75195900 -0.64359300 H 0.99406600 -0.92338600 -1.62910100 H 2.63328900 -0.31215000 -1.81066600 H -0.60096600 0.23393100 1.97211400 C -2.12398400 -0.61338300 -0.28265000 C 0.26707200 1.21261600 0.31308200 O -1.80547100 -1.72590300 -0.47294400 O -2.72087700 0.39295600 -0.24989100 O -0.29650000 2.34581100 0.44404700</p>
14			
	<p>-11 C -1.79577200 -0.07381800 -0.00020400 C -0.26788400 0.02296000 -0.00013000 C 0.45916000 -1.17563000 0.00065300 C 0.46518700 1.22169900 -0.00093600 C 1.85334000 -1.18687900 0.00088600 H -0.11264400 -2.09539700 0.00105300 C 1.85848100 1.21834100 -0.00074600 H -0.05156500 2.17386300 -0.00187300 C 2.56354200 0.01249800 0.00021500 H 2.38623200 -2.13275400 0.00156700 H 2.39751700 2.16046400 -0.00139700 H 3.64826700 0.01148300 0.00036800 O -2.28089800 -1.25822900 -0.00163600 C -2.52513200 1.09787500 0.00172900 H -3.61007400 1.04394400 0.00152500 H -2.07608400 2.08195200 0.00303900</p>	<p>-11 C -0.61822900 1.08571900 0.35816500 C 0.70412900 0.39564800 0.16705200 C 1.82001600 1.17099700 -0.17868000 C 0.85569700 -0.99012400 0.31840700 C 3.06507000 0.57967500 -0.35735200 H 1.68890200 2.23935400 -0.29962800 C 2.10259600 -1.58262500 0.12686100 H -0.00949900 -1.60319100 0.54260900 C 3.20881900 -0.80102900 -0.20402200 H 3.92322000 1.18962000 -0.61636000 H 2.21059200 -2.65607500 0.23481900 H 4.17886200 -1.26468800 -0.34492000 O -0.74638500 2.25916500 0.02393300 C -1.76520100 0.30614500 0.93974400 H -1.43407100 -0.33716700 1.75474700 H -2.49569800 1.02883500 1.30427200 C -2.47606400 -0.58545700 -0.17341700 O -3.13317500 0.05299000 -1.01920600 O -2.30085400 -1.82095300 -0.07970700</p>	<p>-11 C -3.02747000 0.50969400 -0.60183300 C -1.80244200 1.11071000 -0.31937600 C -0.75162900 0.38887400 0.26174900 C -0.96455200 -0.97134100 0.53509800 C -2.18588400 -1.5791300 0.25004200 C -3.22646400 -0.84077500 -0.31637300 H -3.82655200 1.09343400 -1.04743800 H -1.62424900 2.15478600 -0.54616300 H -0.16300300 -1.56857900 0.95176000 H -2.32459100 -2.63367800 0.46492900 H -4.17672700 -1.31481500 -0.53704300 C 0.55482100 1.12772800 0.54149900 C 1.52720000 0.48515400 1.31199200 H 2.39697700 1.06189800 1.61118900 H 1.30323200 -0.40058700 1.89009100 O 0.67638200 2.27900400 0.02842000 C 2.75079100 -0.74261500 -0.48736800 O 3.15337800 0.15269300 -1.13356700 O 2.56632600 -1.84699200 -0.12504100</p>
15			

	<p>-11</p> <p>C -2.54124100 -0.07498200 -0.00037500</p> <p>C -1.01799000 0.02590600 -0.00014000</p> <p>C -0.29477800 -1.17747000 0.00151600</p> <p>C -0.28408100 1.22571700 -0.00220600</p> <p>C 1.09201500 -1.19912700 0.00185400</p> <p>H -0.87019300 -2.09402900 0.00247800</p> <p>H 1.10241800 1.22653000 -0.00206500</p> <p>H -0.79719300 2.17855500 -0.00436800</p> <p>C 1.80682700 0.00883400 0.00009100</p> <p>H 1.62820900 -2.14103100 0.00334800</p> <p>H 1.64858600 2.16235600 -0.00373700</p> <p>O -3.02230600 -1.25905000 -0.00381100</p> <p>C -3.26362000 1.10060800 0.00401900</p> <p>H -4.34818800 1.05282100 0.00430700</p> <p>H -2.80981500 2.08181000 0.00759300</p> <p>C 3.23286500 0.00345900 0.00025600</p> <p>N 4.39036400 -0.00075600 0.00045200</p>	<p>-11</p> <p>C 2.41854800 1.19444700 -0.01011400</p> <p>C 1.04051600 1.33681800 -0.00464000</p> <p>C 0.20099800 0.21481900 0.01012600</p> <p>C 0.77159900 -1.06390400 0.02026600</p> <p>C 2.15169800 -1.22306900 0.01470400</p> <p>H 3.06232500 2.06466400 -0.02164800</p> <p>H 0.58946700 2.32051600 -0.01201200</p> <p>H 0.14430700 -1.94509500 0.03180900</p> <p>H 2.58889900 -2.21323000 0.02176600</p> <p>C -1.29441000 0.44360100 0.01452800</p> <p>C -2.20999200 -0.76071900 0.04740700</p> <p>H -1.95276300 -1.40806200 -0.79788100</p> <p>H -1.99427500 -1.32059900 0.96463800</p> <p>O -1.71729400 1.58614400 -0.00508500</p> <p>C -3.72018700 -0.38412300 -0.00953900</p> <p>O -4.21424100 -0.29240800 -1.15808200</p> <p>O -4.28498900 -0.21323100 1.09617000</p> <p>C 2.97994600 -0.09247200 -0.00083400</p> <p>C 4.40165200 -0.25006000 -0.00776000</p> <p>N 5.55028900 -0.37632300 -0.01365100</p>	<p>-11</p> <p>C 2.27487900 1.14483700 -0.38121500</p> <p>C 0.94859900 1.51721600 -0.22079000</p> <p>C -0.00639900 0.62633400 0.28931100</p> <p>C 0.40757100 -0.67570400 0.61265600</p> <p>C 1.72802600 -1.07015500 0.44949500</p> <p>H 3.00233700 1.84882000 -0.76733700</p> <p>H 0.61369300 2.51039900 -0.49101800</p> <p>H -0.31418000 -1.39831300 0.96988400</p> <p>H 2.03206600 -2.08049900 0.69514700</p> <p>C -1.43722500 1.13064700 0.43792700</p> <p>C -2.31998400 0.37061000 1.21376600</p> <p>H -1.96233000 -0.40528000 1.87650400</p> <p>H -3.28579300 0.80729200 1.44568200</p> <p>O -1.72570000 2.19790000 -0.17149600</p> <p>C -3.20925900 -1.10819700 -0.47308700</p> <p>O -2.77056400 -2.14483600 -0.11842600</p> <p>O -3.83529100 -0.36053700 -1.13408100</p> <p>C 2.67553800 -0.15775100 -0.04397400</p> <p>C 4.03649200 -0.55631200 -0.20872300</p> <p>N 5.13960200 -0.87882700 -0.34130000</p>
16			
	<p>-11</p> <p>C -3.06745800 -0.06538800 -0.01619100</p> <p>C -1.54506200 0.01826600 0.01822000</p> <p>C -0.80693800 -1.17016300 -0.02101200</p> <p>C -0.79920300 1.20278200 0.10200200</p> <p>C 0.58403400 -1.19281800 0.00194200</p> <p>H -1.36568500 -2.09761600 -0.07180600</p> <p>C 0.59149100 1.20647000 0.13381100</p> <p>H -1.30981100 2.15783800 0.15744700</p> <p>C 1.33026700 0.00186100 0.09310000</p> <p>H 1.08745800 -2.14929900 -0.04664100</p> <p>H 1.10248600 2.15781200 0.19851700</p> <p>O -3.56925200 -1.23090600 0.16209300</p> <p>C -3.78191400 1.09476800 -0.24799900</p> <p>H -4.86711300 1.05343300 -0.28050400</p> <p>H -3.31104500 2.04960900 -0.44378900</p> <p>N 2.72296900 -0.00517400 0.16762300</p> <p>C 3.44358200 1.24191800 -0.04657600</p> <p>H 4.51009700 1.05997600 0.08124600</p> <p>H 3.28265200 1.66554300 -1.04993500</p> <p>H 3.15060700 1.99524900 0.68846200</p> <p>C 3.43512600 -1.22840200 -0.17380100</p> <p>H 4.50278500 -1.06838800 -0.02768100</p> <p>H 3.13526200 -2.05143900 0.47918700</p> <p>H 3.27199800 -1.54500600 -1.21557100</p>	<p>-11</p> <p>C -1.99999400 1.06436100 -0.37059400</p> <p>C -0.57597000 0.66300500 -0.24728700</p> <p>C 0.38831100 1.63490900 0.06820200</p> <p>C -0.12846900 -0.65641400 -0.43116300</p> <p>C 1.73023200 1.32557900 0.17852300</p> <p>H 0.05683900 2.65524000 0.22193400</p> <p>C 1.21101200 -0.98915300 -0.31322900</p> <p>H -0.85039100 -1.44174100 -0.62516900</p> <p>C 2.18846100 -0.00519000 -0.01483100</p> <p>H 2.43162800 2.11342000 0.41535000</p> <p>H 1.50430600 -2.02059300 -0.45079200</p> <p>O -2.35970800 2.19959000 -0.06052600</p> <p>C -3.00198800 0.05398300 -0.87880600</p> <p>H -3.87754000 0.61328100 -1.21053700</p> <p>H -2.59357100 -0.52329300 -1.70856900</p> <p>C -3.45859200 -0.93725800 0.27031100</p> <p>O -3.03107900 -2.11243300 0.18900300</p> <p>O -4.19992500 -0.43639700 1.14188900</p> <p>N 3.51724900 -0.32285300 0.08410700</p> <p>C 4.49836900 0.70338600 0.41250800</p> <p>H 4.31167200 1.14761200 1.39717800</p> <p>H 5.48923500 0.25506600 0.42685100</p> <p>H 4.50305700 1.50961300 -0.32918700</p> <p>C 3.95986200 -1.70040500 -0.08820400</p> <p>H 3.70124200 -2.08653400 -1.08028000</p> <p>H 5.04170100 -1.74153100 0.01701200</p> <p>H 3.51937000 -2.36746800 0.66195400</p>	<p>-11</p> <p>C -1.72342700 -1.28179900 0.29275200</p> <p>C -0.37906200 -1.59668800 0.13235900</p> <p>C 0.54561800 -0.69952800 -0.41459900</p> <p>C 0.04708600 0.55898800 -0.78041400</p> <p>C -1.29256700 0.89831500 -0.62792000</p> <p>C -2.22790200 -0.02225000 -0.10073300</p> <p>H -2.38140000 -2.02209200 0.72779100</p> <p>H -0.00758200 -2.56580500 0.44429100</p> <p>H 0.72105200 1.31227300 -1.17100700</p> <p>H -1.60863700 1.89166800 -0.91646900</p> <p>C 1.99609000 -1.13774400 -0.50061000</p> <p>C 2.88368200 -0.30804400 -1.23906600</p> <p>H 3.88482900 -0.68201400 -1.43152700</p> <p>H 2.54108900 0.51770700 -1.84776200</p> <p>O 2.31169100 -2.23872700 -0.00053600</p> <p>C 3.65026600 1.21007400 0.68912100</p> <p>O 4.21602100 0.42408000 1.35074300</p> <p>O 3.20915100 2.22445300 0.29542600</p> <p>N -3.57768100 0.29309100 0.12199300</p> <p>C -3.99759700 1.67749800 -0.15142300</p> <p>H -3.71818900 2.05688900 -1.13735900</p> <p>H -5.08312300 1.72849700 -0.07729700</p> <p>H -3.56740200 2.35001700 0.60605300</p> <p>C -4.43557000 -0.55880000 0.82460000</p> <p>H -4.13334000 -0.58763300 1.88235300</p> <p>H -5.45733500 -0.18545200 0.77042800</p> <p>H -4.444080900 -1.58426700 0.44713700</p>
17			
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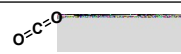


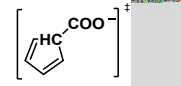
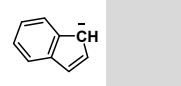
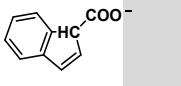
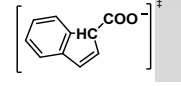
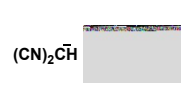
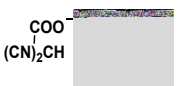
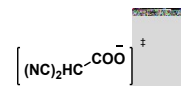

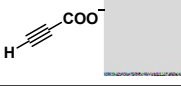
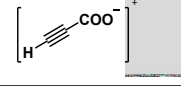

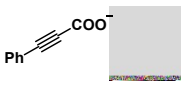
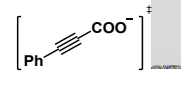
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<p>19</p> 			
	<p>-11</p> <p>C 1.41512800 0.68313500 0.02427900 C -0.03177900 0.22100700 0.01208300 C -1.00615900 1.23069400 -0.04233300 C -0.48132800 -1.11122900 0.06065200 C -2.36655800 0.93458700 -0.05599500 H -0.64922600 2.25291700 -0.06951500 H -1.84340500 -1.40975800 0.05055000 H 0.23532800 -1.91757600 0.10844500 C -2.79586500 -0.39180600 -0.01018800 H -3.09390600 1.73919900 -0.10121900 H -2.16212400 -2.44659300 0.09130600 H -1.85422200 -0.62948700 -0.01916500 O 1.62529700 1.95349700 0.06379500 C 2.45919600 -0.20634300 -0.01339500 F 2.32527600 -1.60223200 -0.07341500 H 3.49891900 0.09193700 -0.01339100</p>	<p>-11</p> <p>C 3.19074000 1.02632900 0.51933400 C 1.83078800 1.24813800 0.34057600 O 0.99640700 0.22982300 -0.14461700 C 1.55962500 -1.01274900 -0.47003900 C 2.92687900 -1.22568600 -0.31158400 C 3.74283000 -0.21286900 0.19012200 H 3.82164200 1.81700400 0.90890800 H 1.39330800 2.21124900 0.57279700 H 0.93550400 -1.80954200 -0.84831800 H 3.35442600 -2.18579500 -0.57676100 H 4.80468100 -0.38696300 0.32261000 C -0.44656000 0.57311200 -0.37613800 C -1.51038300 -0.52614000 -0.42212100 H -1.66894500 -0.81427600 -1.46443500 O -0.77713600 1.73531200 -0.53815000 C -2.88171100 -0.04319800 0.18120400 C -3.62480500 0.52470200 -0.64476200 O -3.05339900 -0.27822800 1.39220800 F -1.05000700 -1.66961400 0.26277200</p>	<p>-11</p> <p>C -3.21270600 0.66305900 -0.46481400 C -1.96595000 1.18799800 -0.13595900 C -0.88788600 0.35528400 0.19840300 C -1.09580900 -1.03347900 0.16905900 C -2.34052700 -1.56155700 -0.17154000 C -3.40704500 -0.71843100 -0.48428500 H -4.03242900 1.33026400 -0.71081600 H -1.79073700 2.25685300 -0.13778500 H -0.27973200 -1.70094100 0.40552200 H -2.47614300 -2.63790800 -0.19734000 H -4.37478800 -1.13304800 -0.74506700 C 0.42827400 1.03497600 0.52445400 C 1.44777200 0.34372000 1.16739200 H 2.31614500 0.84978500 1.56595900 O 0.57760300 2.24343600 0.15447900 C 2.70948800 -0.43533000 -0.92261900 O 3.02211300 0.59721900 -1.37938600 O 2.57792800 -1.58303200 -0.71286900 F 1.24031900 -0.89371300 1.78995100</p>
<p>20</p> 			
	<p>-11</p> <p>C -1.28241700 0.35346800 0.06269400 O -1.62455400 1.58102600 0.24451400 C 0.21532100 0.07611100 0.02445300 C 0.80131400 -1.19786600 0.12803900 C 1.08191700 1.17299800 -0.09695000 C 2.18381200 -1.36520100 0.09077600 H 0.17256100 -2.07058200 0.26009100 C 2.46605600 1.01213800 -0.13898000 C 0.62734500 2.15469700 -0.14893600 C 3.02807600 -0.26054400 -0.04745500 H 2.60613100 -2.36136200 0.17852600 H 3.10787100 1.88209100 -0.23965300 H 4.10448300 -0.39193800 -0.07399600 C -3.63824000 -0.53629400 -0.11491400 H -4.11131600 -0.77716900 -1.08012400 H -4.14449600 -1.16658800 0.63220900 H -3.87762000 0.50526700 0.11406600 C -2.14488200 -0.70840400 -0.12147000 H -1.75426600 -1.70108100 -0.31544800</p>	<p>-11</p> <p>C 0.91264400 -0.37074200 -0.04983000 C 1.97487100 -1.21468300 0.30596600 C 3.28362900 -0.74649400 0.30731300 C 3.54884400 0.58076000 -0.03614300 C 2.49889500 1.43197700 -0.37811100 C 1.18708600 0.96112400 -0.39267400 H 1.75178800 -2.23957000 0.57561900 H 4.09707600 -1.41145200 0.57520500 H 4.56880200 0.94894900 -0.03454600 H 2.70151800 2.46607500 -0.63379200 H 0.36944000 1.63308500 -0.62537900 C -0.48089200 -0.94142300 -0.04876600 C -1.60562800 -0.14270200 -0.66862200 H -1.22055000 0.40166500 -1.53196000 C -2.77136000 -1.04264800 -1.08216900 H -3.18923700 -1.53580200 -0.20567200 H -3.56012700 -0.44841600 -1.55175200 H -2.45264200 -1.80996100 -1.79402900 C -2.09866000 0.96628600 0.37685100 O -0.67928900 -2.04317300 0.44944300 O -2.77131800 0.53536900 1.33494400 O -1.76972400 2.14614200 0.11854100</p>	<p>-11</p> <p>C -0.89170200 -0.42233500 0.12871600 C -1.88443600 -1.09907200 -0.59450500 C -3.19265500 -0.62322500 -0.56533000 C -3.54250400 0.55360400 0.00270300 C -2.56570500 1.24615100 0.72129100 C -1.25966700 0.76496100 0.78329100 H -1.59173400 -2.00738600 -1.10658900 H -3.93982900 -1.17053400 -1.22412100 H -4.55882400 0.92970100 -0.04333400 H -2.82241300 2.16834300 1.23266700 H -0.51756600 1.33351200 1.32857500 C 0.50438700 -1.03093800 0.15304600 C 1.48422900 -0.46424800 0.97035700 H 1.20790300 0.28179300 1.70444200 C 2.80937000 -1.15760700 1.14559300 H 3.24824600 -1.41090800 0.17515100 H 3.52733500 -0.53019100 1.68402400 H 2.72936900 -2.10645600 1.70085200 C 2.15032400 1.36087000 -0.66863700 O 0.70054000 -2.04541000 -0.58961500 O 2.81825900 0.72752300 -1.39860800 O 1.61215900 2.28578100 -0.18102300</p>



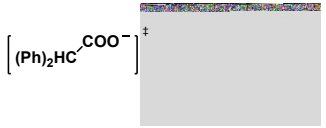
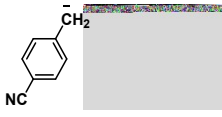

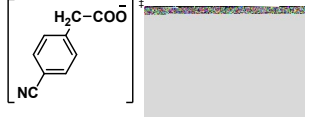
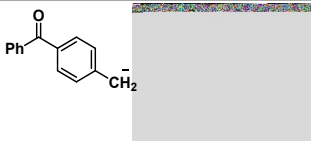
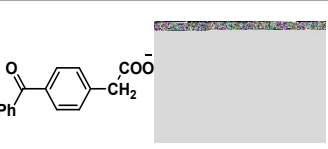
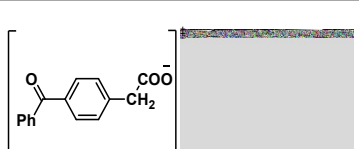
21			
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22			
	<p>-11</p> <p>C -0.62125800 0.06356100 0.00001800 O -0.67362700 1.30856500 -0.00004000 O -1.81108900 -0.69670300 0.00006100 C -3.12456100 -0.08043200 0.00000000 C -3.34462000 0.75427800 1.27014500 H -2.67038700 1.60819500 1.28699600 H -4.37853100 1.11006500 1.31346900 H -3.15852600 0.14139300 2.15700200 C -3.34457800 0.75403200 -1.27031300 H -3.15854000 0.14094700 -2.15704700 H -4.37845400 1.10991100 -1.31370700 H -2.67026800 1.60788800 -1.28734400 C -4.07338500 -1.28504600 0.00010600 H -5.11533900 -0.95389100 0.00003500 H -3.90533100 -1.90293100 -0.88571600 H -3.90538200 -1.90272400 0.88608300 C 0.49942200 -0.78082800 0.00002500 H 1.87426000 -0.37378500 0.00000900 C 2.32104000 0.97961000 0.00002400 C 2.90333300 -1.35962900 0.00000000 C 3.67398500 1.30072800 0.00001400 H 1.57298400 1.76070900 0.00003600 C 2.52089100 -1.02683300 -0.00001400 H 2.16153900 -2.40287500 -0.00000200 C 4.66185100 0.31109900 -0.00001100 H 3.96485700 2.34814500 0.00002100 H 4.99330300 -1.82033100 -0.00002700 H 5.71443000 0.57156700 -0.00002000 H 0.29927500 -1.84650100 0.00003000</p>	<p>-11</p> <p>C -3.04824500 -0.70476100 -0.05623600 C -3.86638100 -0.85175200 -1.33938300 H -3.39441700 -1.56827300 -2.01555400 H -4.87202900 -1.20748800 -1.10378600 H -3.94889900 0.10839600 -1.85355300 C -3.66904900 0.34993800 0.86250200 H -4.68913300 0.05275500 1.11917400 H -3.09469200 0.46138200 1.78066400 H -3.71051900 1.31588900 0.35394700 C -2.88009900 -2.05984400 0.63511500 H -2.38055600 -2.76625400 -0.03293300 H -2.29751500 -1.96687700 1.54976700 H -3.86463800 -2.46501000 0.88353700 O -1.74065100 -0.22623500 -0.56320200 C -0.71394500 0.07069600 0.25471600 O -0.72168900 -0.10060400 1.45678500 C 0.45119500 0.65497700 -0.52246800 H 0.20698700 0.56645400 -1.58295200 C 0.47419300 2.23152300 -0.23353800 H 1.58967000 2.75950700 -0.07686500 O -0.65757700 2.76514600 -0.23318900 H 1.74922500 -0.07217800 -0.26187400 C 2.39380400 -0.74793800 -1.30392800 C 2.34616600 -0.09082000 1.00658500 C 3.59676800 -1.42377600 -1.09352400 H 1.94925600 -0.74344900 -2.29427500 C 3.54184800 -0.77023300 1.22291500 H 1.86446000 0.42908300 1.82374900 C 4.17481500 -1.43969100 0.17354900 H 4.07739300 -1.93814900 -1.91881700 H 3.98610500 -0.77336700 2.21275000 H 5.10841000 -1.96464300 0.34346100</p>	<p>-11</p> <p>C 3.15820600 -0.49549200 0.17497700 C 4.09529900 0.04357200 1.26049400 H 3.90353800 -0.45704700 2.12821000 H 5.13879300 -0.12634400 0.98312100 H 3.94159200 1.11654500 1.39867000 C 3.39937300 0.24835700 -1.14450000 H 4.43332200 0.10364600 -1.47045200 H 2.72912300 -0.11503200 -1.92156200 H 3.23243700 1.32023700 -1.00725400 C 3.34882600 -2.01005100 0.02124300 H 3.13186200 -2.51270000 0.96808200 H 2.68550800 -2.40574200 -0.74510300 H 4.38527900 -2.23024800 -0.25112300 O 1.83389100 -0.19013800 0.70722000 C 0.66851100 -0.44871600 -0.00788600 O 0.69235700 -1.10135400 -1.05811900 C -0.45432000 0.15225100 0.63456500 H -0.24608400 0.57532200 1.60984800 C -0.20847600 2.22363100 -0.47564400 O -0.83891100 2.08263000 -1.46592200 O 0.49690200 2.82693500 0.28532900 C -1.83568700 -0.22127500 0.39097600 C -2.82883900 0.14804900 1.33195000 C -2.28558700 -0.91602200 -0.75778100 C -4.17159400 -0.15515100 1.14390600 H -2.52453500 0.68271500 2.22759000 C -3.63236400 -1.22071600 -0.93819000 H -1.55421900 -1.21445200 -1.49544100 C -4.59230500 -0.84596900 0.00356700 H -4.89692600 0.14651500 1.83655500 H -3.93708100 -1.75795900 -1.83182100 H -5.63959200 -1.08461800 -0.14512000</p>
23 C1			
	<p>-11</p> <p>C -0.18837600 0.21191000 -0.00022300 O -0.18014200 1.44808900 0.00034400 C 0.88971100 -0.70649400 -0.00035500 C 2.27031000 -0.39257900 -0.00012900 O -1.65152600 -1.27268500 0.00076100 O 0.63659000 -1.76119400 -0.00012200 O -1.41676400 -0.45681200 -0.00095900 C -2.58808500 0.36755600 0.00064500 H -2.58742000 1.01837500 -0.87955200 H -2.58653700 0.101611500 0.88252900 C -3.79705800 -0.55074000 0.00003200 H -3.79888300 -1.19218000 0.88500700 H -4.71833000 0.03822500 0.00138800 H -3.79988900 -1.18962900 -0.88679200 C 2.71820900 1.07215200 -0.00054000 H 2.32839100 1.60949700 -0.86850100 H 2.34234200 1.60457100 0.87679200 H 3.80947400 1.09665400 -0.00849000</p>	<p>-11</p> <p>C -0.56518700 -0.37445900 0.31427500 O -0.57503700 -0.83409100 1.43803500 C 0.64938100 0.03863200 -0.47048700 H 0.36990200 1.13667400 -1.52063700 O -1.69107000 -0.14198700 -0.38694700 C -2.94701300 -0.38281800 0.29754000 H -2.98837900 -1.43195700 0.59813000 H -2.97331200 0.23073900 1.20067000 C 1.10598900 1.52051000 -0.00415700 O 0.19225300 2.24522900 0.42451400 O 2.31687600 1.75918300 -0.16531900 C 1.82835200 -0.92023000 -0.42098500 O 2.31212100 -1.33639200 -1.45878300 C 2.41331200 -1.28844400 0.92176800 H 1.63912900 -1.67526900 1.58545100 H 3.21140900 -2.01764700 0.78404400 H 2.81531200 -0.38278300 1.38286100 C -0.06278100 -0.02459600 -0.66189600 H -4.01629900 -0.64115100 -1.56244400 H -5.02981100 -0.19140800 -0.18108700 H -4.00141100 1.02570200 -0.95538500</p>	<p>-11</p> <p>C -0.56096400 -0.60237800 0.08299000 O -0.61833700 -1.33654200 1.05996000 C 0.60783000 -0.13230000 -0.62951300 H 0.39569600 0.33498900 -1.58322900 O -1.70623100 -0.06494600 -0.45904100 C -2.94545000 -0.40306800 -1.9297900 H -3.06748400 -1.48957200 0.20028700 H -2.91080900 -0.06715700 1.23305000 C 1.08593600 1.67895100 0.43312500 O 0.97417900 1.45191800 1.59980100 H 1.34381800 2.45917500 -0.43194900 C 1.90072200 -0.78654700 -0.57777600 O 2.73816900 -0.62150200 -1.47653000 C 2.26609400 -1.64086600 0.62700800 H 1.64363000 -2.53796700 1.66414600 H 3.31766400 -1.92038900 0.55011200 H 2.08212700 -1.10016300 1.55709300 C -0.06437200 0.27585800 -0.57319600 H -4.09157700 -0.06944900 -1.60957600 H -5.02725100 0.04633400 -0.10950000 H -3.93355200 1.36064200 -0.57400700</p>






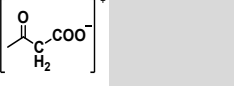
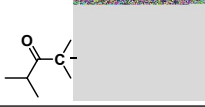
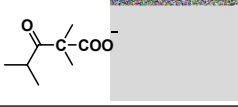
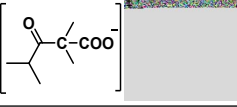


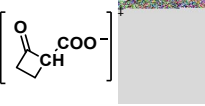
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<p>-11</p> <p>C 1.12992300 -0.05094800 -0.00050300 O 1.13579300 -1.28300000 -0.00153000 C 0.06360000 0.87942500 -0.00018900 C -1.32880800 0.62030100 0.00002900 O -2.21920800 1.48091500 -0.00061300 H 0.32907100 1.92804000 0.00002100 O 2.35949000 0.62905300 0.00050900 O -1.68381200 -0.71811400 0.00127400 C -3.08704600 -0.98157400 0.00024000 H -3.18313500 -2.06734500 0.00136500 H -3.57583200 -0.56692400 0.88580600 H -3.57411000 -0.56892400 -0.88721300 C 3.51848800 -0.19975200 0.00059300 H 3.55905900 -0.83903900 -0.88600100 H 4.37185300 0.47882700 0.00149800 H 3.55805400 -0.84018300 0.88639000</p>	<p>-11</p> <p>C -1.17103000 -0.51341300 0.03242400 O -1.10506000 -1.23226900 1.00320200 C -0.05711200 0.29567300 -0.57801900 H -0.30427900 0.49982000 -1.61940100 O -2.31785900 -0.31091700 -0.65161800 C -3.49727100 -0.92754500 -0.10089300 H -4.30549600 -0.67178100 -0.78188500 H -3.37522800 -2.00981800 -0.04358200 H -3.70131200 -0.53264400 0.89552000 C 0.05567500 1.74092600 0.14227200 O -0.90331600 2.06100300 0.86455500 O 1.09366700 2.36048600 -0.14872000 C 1.29579200 -0.37084000 -0.57753800 O 1.94522800 -0.59653000 -1.57613100 O 1.73414900 -0.65433600 0.65975900 C 3.04431900 -1.24669400 0.74694700 H 3.21920400 -1.41097500 1.80741500 H 3.07491300 -2.19273400 0.20498400 H 3.79548900 -0.56999400 0.33740900</p>	<p>-11</p> <p>C -1.13874000 -0.63951400 -0.11261200 O -1.14273700 -1.41929400 0.82570200 C -0.04043800 0.08932900 -0.70633100 H -0.27123300 0.55337200 -1.65579400 O -2.32084200 -0.29100600 -0.73635400 C -3.50823700 -0.86839900 -0.18295700 H -4.33047000 -0.49186700 -0.78947100 H -3.47783800 -1.95914500 -0.23158700 H -3.64442000 -0.56679600 0.85818500 C -0.00987700 1.94708900 0.44231100 O -0.50918700 1.70983400 1.49766100 O 0.49947800 2.72556900 -0.30170800 C 1.35160500 -0.29188000 -0.60641500 O 2.22129500 0.05314100 -1.40027800 O 1.66822600 -1.03562800 0.49557600 C 3.04858700 -1.39947800 0.62518700 H 3.10926900 -1.99560800 1.53423000 H 3.38416600 -1.98845000 -0.23100700 H 3.68327000 -0.51532600 0.71496500</p>
<p>25 C₁</p> 		
<p>-11</p> <p>C 2.02538100 -0.32093400 0.02109200 O 2.87192700 -1.25298500 0.06152100 C 2.58119700 1.10384300 -0.00039200 H 2.96295200 1.32094600 -1.00559200 H 1.82980100 1.84973100 0.24754400 H 3.43303000 1.15324200 0.68399100 C 0.63554000 -0.56909200 -0.01349600 H 0.39761200 -1.62506600 0.00230300 C -0.44735200 0.37222000 -0.05631200 O -0.33478400 1.62296900 -0.03877800 N -1.75148700 -0.15713100 -0.14096400 C -2.04250700 -1.57649300 -0.02015400 H -1.88787000 -1.96481900 0.99786200 H -3.08858900 -1.74252200 -0.28597100 H -1.43238800 -2.16703500 -0.70494000 C -2.87499300 0.72835400 0.12075700 H -2.55556000 1.75262900 -0.04954800 H -3.70940200 0.49145700 -0.54708300 H -3.23799200 0.64410000 1.15728300</p>	<p>-11</p> <p>C -0.74280600 0.52335400 -0.29370100 O -0.60885400 1.29346200 -1.25129300 C 0.46089300 -0.11747600 0.38539400 H 0.20643400 -0.40487600 1.40614400 C 0.87432900 -1.48412200 -0.34337100 O -0.07828100 -2.19933900 -0.71320900 O 2.10023900 -1.70101500 -0.42131100 C 1.66933300 0.80051400 0.54163500 O 2.12532500 0.99646200 1.65632100 C 2.30861900 1.41342200 -0.67990400 H 1.57719200 2.02737700 -1.20638700 H 3.17608400 2.00191900 -0.38014400 H 2.61145400 0.61182100 -1.35593000 C -2.21386100 -0.78168500 1.24813600 H -2.08787300 -0.36675900 2.25427300 H -3.24316400 -1.13025800 1.15372500 H -1.55899100 -1.63870700 1.10790800 N -1.97303000 0.21782000 0.20668500 C -3.15666000 0.84972500 -0.36698900 H -3.77407400 1.27696000 0.42850300 H -2.84219900 1.63751800 -1.04549800 H -3.76013400 0.12131300 -0.91984500</p>	<p>-11</p> <p>C -0.76435400 -0.66539900 0.06745400 O -0.71108100 -1.61326200 0.87323600 C 0.39700500 -0.10785700 -0.61402900 H 0.21460600 0.50972000 -1.48274400 C 0.94224400 1.59413400 0.76370400 O 1.00265500 2.51883200 0.01882600 O 1.01687700 1.12251500 1.85079400 C 1.69218500 -0.73835600 -0.67770900 O 2.51041900 -0.43337400 -1.56685000 C 2.11522300 -1.75055600 0.37744700 H 1.51773300 -2.66058100 0.29377900 H 3.17247500 -1.98027100 0.23249100 H 1.94225100 -1.36281400 1.38251000 C -2.19038200 1.00647400 -1.15646100 H -2.23860400 0.63577000 -2.19012000 H -3.13562500 1.50736100 -0.93685300 H -1.39904300 1.75134600 -1.09018900 N -1.99418500 -0.06042200 -0.18460000 C -3.20836800 -0.69650900 0.30278500 H -3.77557600 -1.16250100 -0.51506200 H -2.93314800 -1.46340100 1.02141200 H -3.85806000 0.03904800 0.78848000</p>
<p>26</p> 		
<p>-11</p> <p>C 0.75001900 -0.41527100 0.06207700 C -1.62677500 -1.14406900 0.07319000 C -1.17003500 1.24551300 0.01024200 C -2.89086700 -0.39466500 -0.36841700 H -1.76550200 -1.59957300 1.06423400 H -1.33851100 -1.94524500 -0.60992400 C -2.67662900 1.01640700 0.20017400 H -0.95974900 1.70001800 -0.96906200 H -0.75623200 1.91140300 0.77421400 H -2.93713300 -0.35367000 -1.46139400 H -3.80713200 -0.86866800 -0.01079300 H -3.27993400 1.78047100 -0.29401400 H -2.92371600 1.03092300 1.26639300 N -0.60109500 -0.09919700 0.10637900 C 3.04115500 0.43887200 -0.06075600 N 4.19926100 0.26127500 -0.08411300 O 1.08063800 -1.62635000 0.11133600 C 1.67225800 0.67324600 -0.03535100 H 1.34088400 1.70041200 -0.09315100</p>	<p>-11</p> <p>C -0.12984700 -0.74562500 -0.29213200 C 2.27761600 -0.92834200 -0.69444900 C 1.51945000 0.70487400 0.96446500 C 3.48446600 -0.35747800 0.05814800 H 2.25926200 -0.59922000 -1.73955500 H 2.23622900 -2.01869100 -0.69004800 C 2.97189900 0.99835400 0.56729400 H 1.46044000 0.34904000 1.99970700 H 0.86924900 1.56889400 0.83882100 H 3.74018000 -1.00459500 0.90244300 H 4.36511200 -0.27220100 -0.58004900 H 3.55394200 1.39654700 1.39969800 H 2.99108100 1.73345400 -0.24275500 N 1.12345400 -0.36696400 0.02908200 C -1.27821900 -0.07415000 0.46349200 H -0.95555500 0.27918600 1.44628300 C -2.36159900 -1.01864600 0.67014400 N -3.22701400 -1.76244100 0.84471100 O -0.36120500 -1.58915700 -1.16157300 C -1.79081300 1.26302800 -0.31256500 O -0.86917200 1.93725300 -0.80400300 O -3.01371400 1.45457200 -0.28410900</p>	<p>-11</p> <p>C 0.09521300 -0.90717200 0.20197000 O 0.24215800 -1.76572500 0.09413200 C 2.38092300 -1.15492400 -0.62019500 N 3.38365400 -1.74796900 -0.63135500 C -2.31122400 -0.81664000 0.74493300 N -1.48837500 0.65538200 -1.01773100 C -3.49856100 -0.24531900 -0.03883900 H -2.27525500 -0.41338700 1.76566000 H -2.32811300 -1.90474200 0.82624800 C -2.92704300 1.04448300 0.64691300 H -1.43900600 0.25370900 -2.03848500 H -0.80479000 1.50375600 -0.95369100 H -3.78873200 -0.93863100 -0.83448600 H -4.37175800 -0.07332200 0.59290000 H -3.49332700 1.40761400 -1.50637800 N -2.91303900 1.83760300 0.10689600 N -1.14611200 -0.37587300 -0.03019200 C 1.20058500 -0.39074900 -0.59886800 H 0.97763500 0.11612500 -1.53134800 C 1.85977900 1.55912500 0.43206500 O 2.95298600 1.72356800 0.00692500 O 0.91808100 1.86878800 1.08206600</p>
<p>27</p>		

<p>-2.1</p> <p>C 4.06934100 1.68105900 -0.01526900</p> <p>C 2.79966500 1.12700300 -0.00660400</p> <p>C 2.58107000 -0.30409800 0.00191500</p> <p>C 3.79859500 -1.08248800 0.00085300</p> <p>C 5.05575000 -0.50986500 -0.00815300</p> <p>C 5.23157200 0.89008100 -0.01671500</p> <p>H 4.16409400 2.76574100 -0.02088600</p> <p>H 1.94115400 1.79169300 -0.00414600</p> <p>H 3.70909600 -2.16728100 0.00736600</p> <p>H 5.92909800 -1.15939300 -0.00856200</p> <p>H 6.21962100 1.33623800 -0.02373100</p> <p>C 1.31682100 -0.92299500 0.01097700</p> <p>H 1.30608700 -2.01154800 0.02169700</p> <p>C 0.03790200 -0.29823900 0.01029900</p> <p>H 0.00690800 0.78690900 -0.00726300</p> <p>C -1.18348100 -0.99029600 0.01944200</p> <p>O -1.27109900 -2.29288300 0.02833800</p> <p>C -2.44676000 -0.21446500 0.00745400</p> <p>C -3.67136300 -0.93719200 -0.03274500</p> <p>C -2.57160600 1.20249700 0.03899500</p> <p>C -4.90848500 -0.30184600 -0.04611400</p> <p>H -3.59373500 -2.01709900 -0.05207600</p> <p>C -3.80727500 1.83296900 0.02588700</p> <p>H -1.68277900 1.82232200 0.07986300</p> <p>C -5.00206600 1.09252200 -0.01797600</p> <p>H -5.81516200 -0.90157400 -0.07846100</p> <p>H -3.84803600 2.91880200 0.05259800</p> <p>H -5.96563900 1.59037600 -0.02656900</p>	<p>-2.1</p> <p>C 3.18100400 -2.08180700 1.06336400</p> <p>C 2.19085500 -1.11021800 0.92475600</p> <p>C 2.20352000 -0.20536600 -0.14606900</p> <p>C 3.25206200 -0.31046600 -1.07165100</p> <p>C 4.24365200 -1.28323800 -0.94218700</p> <p>C 4.21464100 -2.17528600 0.12985300</p> <p>C 3.14521600 -2.77147500 1.90114500</p> <p>H 1.38008300 -1.05636100 1.64158500</p> <p>H 3.28626900 0.38182800 -1.90782600</p> <p>H 5.03641500 -1.34753400 -1.68090900</p> <p>H 4.98159600 -2.93531200 0.23354100</p> <p>C -0.23733500 0.52566200 0.13799000</p> <p>H -0.46359500 0.61374400 1.19235400</p> <p>C -1.21651300 0.18631400 -0.77418800</p> <p>O -1.06721700 0.12140400 -0.05182900</p> <p>C -2.61707900 -0.10508400 -0.24924300</p> <p>C -3.66094000 -0.19821100 -1.18278000</p> <p>C -2.94515100 -0.31318500 1.10261000</p> <p>C -4.97275000 -0.46365100 -0.79234800</p> <p>H -3.40042500 -0.05861900 -2.22461600</p> <p>C -4.25298800 -0.58156300 1.49900000</p> <p>H -2.16657300 -0.27974100 1.85545000</p> <p>C -5.27975500 -0.65661200 0.55378000</p> <p>H -5.75705800 -0.52301500 -1.54102000</p> <p>H -4.47265100 -0.74051000 2.55020200</p> <p>H -6.29765600 -0.86788100 0.86353400</p> <p>C 1.15870000 0.89643000 -0.28675900</p> <p>H 1.12507000 1.16089400 -1.34585200</p> <p>C 1.69820400 2.16017300 0.48613100</p> <p>O 1.62048300 2.13460300 1.74078100</p> <p>O 2.17703300 3.08407200 -0.22034300</p>	<p>-2.1</p> <p>C 3.63031600 -2.15553400 0.60131300</p> <p>C 2.40667800 -1.54356100 0.37372900</p> <p>C 2.27485500 -0.37448200 -0.46122800</p> <p>C 3.51383800 0.08330400 -1.03686800</p> <p>C 4.72510400 -0.53824500 -0.79656600</p> <p>C 4.81935700 -1.67544800 0.03072000</p> <p>H 3.66390900 -3.03262200 1.24501600</p> <p>H 1.52247400 -1.95064300 0.85369600</p> <p>H 3.48329800 0.95368900 -1.68804500</p> <p>H 5.62315800 -0.13928100 -1.26385100</p> <p>H 5.77050500 -2.16247500 0.21391500</p> <p>O -0.25963400 -0.17465300 -0.38426800</p> <p>H -0.34559600 -1.12940200 0.12468800</p> <p>C -1.43363500 0.53695500 -0.65599100</p> <p>O -1.44876700 1.72075600 -1.19892500</p> <p>C -2.74216300 -0.06885700 -0.28690500</p> <p>C -3.90989600 0.72140100 -0.44265900</p> <p>C -2.94743500 -1.38570100 0.20253600</p> <p>C -5.17657100 0.24312000 -0.12169700</p> <p>H -3.76902900 1.72339700 -0.82860900</p> <p>C -4.21150200 -1.86068600 0.52463600</p> <p>C -2.10261500 -2.05534400 0.31835700</p> <p>C -5.34988400 -1.05313600 0.36930200</p> <p>H -6.04121400 0.88815900 -0.25691100</p> <p>H -4.31836300 -2.87691900 0.89433100</p> <p>H -6.33633700 -1.43070700 0.61583100</p> <p>C 1.04966500 0.28810200 -0.71725400</p> <p>H 1.09112600 1.15852800 -1.36581700</p> <p>C 1.57147100 2.19340700 1.17526700</p> <p>O 1.04598000 1.67540100 2.08371500</p> <p>O 2.15219900 2.93355500 0.47683400</p>
<p>28</p> 		
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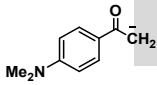
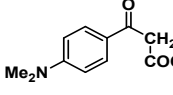
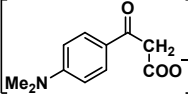

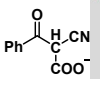


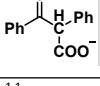

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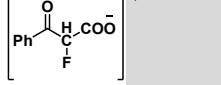

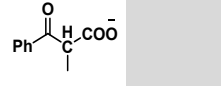
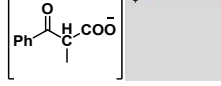
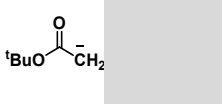
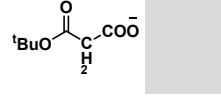
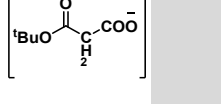
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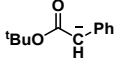
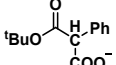
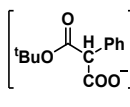
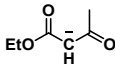
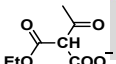
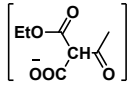
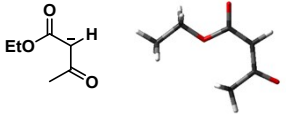
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6			
	<p>-11</p> <p>C -1.29748500 -0.40338600 0.00577800</p> <p>C -2.42676200 -1.26668000 -0.13408600</p> <p>C -1.62942100 0.97072000 0.17141100</p> <p>C -3.72563400 -0.81047600 -0.13062300</p> <p>C -2.24325600 -2.33026500 -0.25200600</p> <p>C -2.94252200 1.41744800 0.17414700</p> <p>C -0.85322100 1.70124500 0.33928200</p> <p>C -4.01405800 0.54880900 0.01732900</p> <p>H -4.53504600 -1.52398200 -0.24656300</p> <p>H -3.12825600 2.47816400 0.31040800</p> <p>H -5.03465300 0.90935400 0.01603800</p> <p>C 1.29743500 -0.40329900 -0.00573600</p> <p>C 1.62943900 0.97076600 -0.17125900</p> <p>C 2.42671800 -1.26663900 0.13418700</p> <p>C 2.94260000 1.41742200 -0.17416900</p> <p>H 0.85331400 1.70143800 -0.33884700</p> <p>C 3.72560700 -0.81053900 0.13056400</p> <p>H 2.24317400 -2.33019800 0.25229900</p> <p>C 4.01409600 0.54874700 -0.01750200</p> <p>H 3.12835900 2.47813900 -0.31038600</p> <p>H 4.53497900 -1.52407900 0.24656200</p> <p>H 5.03470900 0.90924900 -0.01639600</p> <p>C -0.00003100 -0.97984500 -0.00008400</p> <p>H 0.00001600 -2.06736300 -0.00012800</p>	<p>-11</p> <p>C 0.02856700 0.78455000 -0.59630200</p> <p>H 0.05669700 0.97945500 -1.66954100</p> <p>C 1.25971500 -0.02557500 -0.25329000</p> <p>C 2.38381200 0.06315300 -1.07043900</p> <p>C 1.32753200 -0.84663000 0.86909300</p> <p>C 3.54440300 -0.63828500 -0.77535700</p> <p>H 2.34937400 0.69315100 -1.95255500</p> <p>C 2.48419700 -1.55055300 1.16920100</p> <p>H 0.46492700 -0.93695400 1.51753200</p> <p>C 3.59944400 -1.44966300 0.34844700</p> <p>H 4.40511300 -0.55338800 -1.42757500</p> <p>H 2.51432500 -2.18304800 2.04820200</p> <p>H 4.50144200 -2.00178200 0.58111800</p> <p>C -1.25869300 0.03157600 -0.31858700</p> <p>C -1.75343000 -0.85474900 -1.27299300</p> <p>C -1.95785700 0.16896200 0.87731900</p> <p>C -2.90907000 -1.58544500 -1.04195600</p> <p>H -1.22282100 -0.97274100 -2.21133300</p> <p>C -3.11493000 -0.56068200 1.11383700</p> <p>H -1.58910000 0.85450000 1.63083900</p> <p>C -3.59520900 -1.44176800 0.15618700</p> <p>H -3.27632000 -2.26610900 -1.80031100</p> <p>H -3.64380400 -0.43778300 2.05111900</p> <p>H -4.49890200 -2.00935000 0.33967900</p> <p>C 0.00622500 2.19164600 0.08548600</p> <p>O 0.55060600 2.30885300 1.20165700</p> <p>O -0.59177600 3.08050100 -0.55803800</p>	<p>-11</p> <p>C -0.01296500 0.34441300 -0.74695400</p> <p>C 0.00115800 1.05208900 -1.57045300</p> <p>C 1.27785300 -0.20940400 -0.46268400</p> <p>C 2.41883100 0.41739500 -1.03570200</p> <p>C 1.56095000 -1.33866600 0.34318900</p> <p>C 3.70495300 -0.02054700 -0.80497800</p> <p>C 2.26176800 1.27807900 -1.67773300</p> <p>C 2.85924200 -1.77587700 0.56559900</p> <p>H 0.75728100 -1.90498000 0.78754100</p> <p>C 3.95154300 -1.12714600 0.00686900</p> <p>H 4.53343100 0.50413000 -1.26854000</p> <p>H 3.01432900 -2.65015000 1.18920500</p> <p>H 4.96103800 -1.47254600 0.19136000</p> <p>C -1.32507500 -0.15508200 -0.45484100</p> <p>C -2.41086500 0.28143700 -1.25942600</p> <p>C -1.68031600 -1.00728900 0.61788500</p> <p>C -3.71386100 -0.10719000 -1.02815400</p> <p>H -2.19838700 0.94535000 -2.09134900</p> <p>C -2.99288000 -1.39702500 0.84184300</p> <p>H -0.93027800 -1.33210000 1.32197800</p> <p>C -4.02857000 -0.96369300 0.02632800</p> <p>H -4.49929800 0.25707100 -1.68161400</p> <p>C -3.20767600 -2.04769600 1.68298900</p> <p>H -5.04951800 -1.27539000 0.20641000</p> <p>C 0.11283700 2.11712600 0.95558100</p> <p>O -0.05199300 1.50251600 1.93750400</p> <p>O 0.30525400 3.03441200 0.25153000</p>
7			
	<p>-11</p> <p>C 1.07880500 0.00001100 -0.00000800</p> <p>C 0.33961200 -1.21166900 -0.00003600</p> <p>C -1.02044300 -1.21919900 -0.00026700</p> <p>C -1.80757100 -0.00001300 -0.00020800</p> <p>C -1.02045600 1.21922400 -0.00018300</p> <p>C 0.33957500 1.21172700 -0.00015600</p> <p>H 0.87770500 -2.15374800 -0.00002400</p> <p>H -1.54636800 -2.16820600 -0.00042400</p> <p>H -1.54643000 2.16818500 -0.00024200</p> <p>C 0.87765900 2.15380900 -0.00032700</p> <p>C 2.48099000 0.00005700 0.00012400</p> <p>C 3.64199800 -0.00007000 0.00023400</p> <p>C -3.17247700 -0.00004500 0.00029800</p> <p>H -3.73237800 -0.92797300 0.00071700</p> <p>H -3.73238100 0.92786200 0.00127200</p>	<p>-11</p> <p>C 2.17913300 0.00701300 0.00834000</p> <p>C 1.50924100 1.22887600 -0.03683300</p> <p>C 0.15739700 1.27532600 0.24663900</p> <p>C -0.55261100 0.12237900 0.57687400</p> <p>C 0.13490100 -1.08991500 0.61724300</p> <p>C 1.48552700 -1.15783700 0.33719300</p> <p>H 2.04884500 2.13218800 -0.28866800</p> <p>H -0.35887500 2.22708800 2.13348500</p> <p>H -0.40027500 -1.99600100 0.87368500</p> <p>H 2.00729100 -2.10493800 0.37428500</p> <p>C -2.01916300 0.18262600 0.86375100</p> <p>H -2.28463000 -0.55782000 1.62192300</p> <p>H -2.28681900 1.15905300 1.27088300</p> <p>C 3.57953500 -0.05155100 -0.27581500</p> <p>N 4.70606600 -0.09895600 -0.50305300</p> <p>C -2.95270000 -0.08003400 -0.35586600</p> <p>O -4.16884200 0.08617500 -0.12311900</p> <p>O -2.43060300 -0.43469800 -1.43103900</p>	<p>-11</p> <p>C 2.05553100 -0.00000800 -0.01856100</p> <p>C 1.37602800 1.20938300 0.24284000</p> <p>C 0.09819100 1.21297900 0.72432000</p> <p>C -0.62788200 -0.00008100 0.98034800</p> <p>C 0.09818900 -1.21310300 0.72413200</p> <p>C 1.37602500 -1.20943700 0.24265300</p> <p>H 1.88347800 2.14998500 0.06072400</p> <p>H -0.39446900 2.15925700 0.91738100</p> <p>H -0.39447400 -2.15941000 0.91704600</p> <p>H 1.88347200 -2.15003300 0.06039000</p> <p>C -1.95124400 -0.00011400 1.39621300</p> <p>H -2.41367900 -0.92418600 1.72078800</p> <p>H -2.41367900 0.92390700 1.72093200</p> <p>C 3.37637800 0.00002900 -0.51184400</p> <p>N 4.46041200 0.00005800 -0.91795400</p> <p>C -2.85622000 0.00008600 -0.83834700</p> <p>O -2.94010000 1.15237900 -1.03882700</p> <p>O -2.94033800 -1.15217200 -1.03893500</p>
8			
	<p>-11</p> <p>C -4.75904700 -1.15128600 -0.23551400</p> <p>C -3.51668700 -0.60407500 -0.14722000</p> <p>C -3.29623500 0.79299300 0.18936900</p> <p>C -2.30019100 -1.36019900 -0.38619400</p> <p>C -2.05511300 1.32782800 0.28147100</p> <p>H -4.16669600 1.41546600 0.37151700</p> <p>H -1.06605700 -0.80557100 -0.27805300</p> <p>C -2.39579300 -2.40427700 -0.66626000</p> <p>C -0.86678900 0.56388800 0.06947300</p> <p>H -1.94149700 2.37612200 0.53418500</p> <p>H -0.20287400 -1.42731100 -0.48551600</p>	<p>-11</p> <p>C 2.42589200 -0.26271900 -0.59616200</p> <p>C 2.07045900 1.04183500 -0.94383100</p> <p>C 1.45145200 -1.08141800 -0.02943300</p> <p>C 0.78956900 1.51141800 -0.72783000</p> <p>H 2.81361200 1.69276200 -1.38828500</p> <p>C 0.16095200 -0.62286900 0.16995000</p> <p>H 1.71022300 -2.09307100 0.25762400</p> <p>C -0.18657100 0.68114300 -0.17783900</p> <p>H 0.52701300 2.52700400 -0.99516000</p> <p>H -0.57414800 -1.28037200 0.61558600</p> <p>C -1.54531600 1.23443000 0.06879300</p>	<p>-11</p> <p>C 3.80700500 -0.50910300 -1.23589800</p> <p>C 4.46908300 -0.67608400 1.03402500</p> <p>O 4.14268700 -1.77487700 1.28941100</p> <p>O 4.93247500 0.38730900 1.21811400</p> <p>C 2.51329300 -0.08769900 -0.96823100</p> <p>C 2.17189800 1.30182600 -0.82686700</p> <p>C 1.43093400 -1.00597200 -0.75658600</p> <p>C 0.91379100 1.70597600 -0.49651600</p> <p>H 2.94964900 2.04045600 -0.98871200</p> <p>C 0.17281200 -0.58374200 -0.43606000</p> <p>H 1.63197000 -2.06768700 -0.84726300</p>

	<p>H -4.89534400 -2.19575300 -0.49066400</p> <p>H -5.64731300 -0.55721600 -0.05492300</p> <p>C 0.40730500 1.19125300 0.15843200</p> <p>C 1.65787500 0.35072500 0.07271700</p> <p>C 1.88121700 -0.72946100 0.92177900</p> <p>C 2.65517400 0.71022500 -0.83056200</p> <p>C 3.07325600 -1.43857600 0.86612500</p> <p>H 1.11917800 -0.10157600 1.63796700</p> <p>C 3.83853500 -0.00785200 -0.90217000</p> <p>H 2.49483000 1.56111500 -1.48130400</p> <p>C 4.05202800 -1.08450800 -0.05091600</p> <p>H 3.23685300 -2.26955800 1.54115100</p> <p>H 4.59861800 0.27457400 -1.62020000</p> <p>H 4.97908500 -1.64192500 -0.10011900</p> <p>O 0.57366600 2.41848900 0.30521900</p>	<p>C -2.72707700 0.31765100 0.06831100</p> <p>C -2.82061800 -0.76151900 -0.80708800</p> <p>C -3.78837400 0.59590000 0.92709500</p> <p>C -3.96116500 -1.54970500 -0.82345500</p> <p>H -2.00955200 -0.97649100 -1.49062800</p> <p>C -4.91680200 -0.20559100 0.92635000</p> <p>H -3.71543200 1.44132100 1.59902000</p> <p>C -5.00558500 -1.27818600 0.04802000</p> <p>H -4.03269300 -2.37790700 -1.51654700</p> <p>H -5.73047000 0.00653200 1.60793900</p> <p>H -5.89103000 -1.90112900 0.04236100</p> <p>O -1.70432900 2.42457300 0.26974800</p> <p>C 3.83135500 -0.75271700 -0.78343700</p> <p>H 4.28116900 -0.26718000 -1.64925100</p> <p>H 3.82915900 -1.83146700 -0.93999300</p> <p>C 4.68396700 -0.43021400 0.47785900</p> <p>O 5.31987300 0.64476600 0.45865900</p> <p>O 4.63687100 -1.26491900 1.40578300</p>	<p>C -0.14601900 0.78771300 -0.29325200</p> <p>H 0.69806900 2.76330500 -0.39504900</p> <p>H -0.59591600 -1.32862600 -0.26992000</p> <p>H 3.99364600 -1.54559600 -1.48916000</p> <p>H 4.55562200 0.21332600 -1.53704700</p> <p>C -1.44899600 1.27321500 0.08583700</p> <p>C -2.61915400 0.32442900 0.10659500</p> <p>C -2.94658800 -0.46473400 -0.99217400</p> <p>C -3.43994300 0.29058100 1.23082400</p> <p>C -4.07242000 -1.27547000 -0.96617600</p> <p>H -2.32298200 -0.43627900 -1.87708400</p> <p>C -4.55260200 -0.53481500 1.26681000</p> <p>C -3.19664100 0.91521800 2.08139200</p> <p>H -4.87316700 -1.31838700 0.16586800</p> <p>H -4.32347600 -1.87529600 -1.83200700</p> <p>H -5.17422500 -0.56401800 2.15300800</p> <p>H -5.74671400 -1.95770300 0.18969900</p> <p>O -1.66873300 2.44713100 0.40534400</p>
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	<p>-11</p> <p>C 2.16219300 0.00000600 -0.00004400</p> <p>C 1.37932800 1.22823900 0.00002600</p> <p>C 1.37933100 -1.22823100 -0.00002100</p> <p>O 0.02902700 1.22446500 0.00001500</p> <p>H 1.91341700 2.17193700 0.00005300</p> <p>C 0.02903000 -1.22446100 0.00008900</p> <p>H 1.91342700 -2.17192600 -0.00009000</p> <p>C -0.70233100 0.00000100 0.00007900</p> <p>H -0.52190600 2.15472500 0.00004800</p> <p>H -0.52190400 -2.15472100 0.00008500</p> <p>N -2.06942400 -0.00000200 0.00007000</p> <p>O -2.70014500 1.08524300 -0.00004100</p> <p>O -2.70014100 -1.08524900 -0.00010400</p> <p>C 3.51549900 -0.00000500 -0.00001800</p> <p>H 4.07654900 0.92680100 -0.00040900</p> <p>H 4.07649800 -0.92684000 0.00022600</p>	<p>-11</p> <p>C 2.43437800 -0.00023900 0.88413800</p> <p>C 3.33363700 0.00004800 -0.39053700</p> <p>O 4.56073800 0.00039500 -0.15927700</p> <p>O 2.77272900 -0.00011400 -1.50388900</p> <p>C 0.96261400 -0.00014500 0.62322200</p> <p>C 0.26148200 -1.19790700 0.48620700</p> <p>C 0.26145400 1.19768900 0.48697600</p> <p>C -1.09267800 -1.21023700 0.21360300</p> <p>H 0.78811000 -2.13812800 0.59306600</p> <p>C -1.09269200 1.21016000 0.21432400</p> <p>H 0.78804500 2.13785600 0.59450300</p> <p>C -1.75383000 -0.00000200 0.07898100</p> <p>H -1.63366200 -2.13872300 0.10689500</p> <p>H -1.63369800 2.13870200 0.10820700</p> <p>H 2.71533800 0.87611600 1.47146200</p> <p>H 2.71527600 -0.87695100 1.47096800</p> <p>N -3.18488700 0.00009000 -0.20862100</p> <p>O -3.75017400 -1.07094100 -0.32179200</p> <p>O -3.74971800 1.07119800 -0.32332100</p>	<p>-11</p> <p>C 2.37275800 0.00014300 1.31963000</p> <p>C 3.19022000 -0.00011700 -0.80650100</p> <p>O 3.28939500 1.14952600 -1.04600400</p> <p>O 3.28892300 -1.14981800 -1.04591400</p> <p>C 1.03268500 0.00010700 0.96505300</p> <p>C 0.30253100 -1.21714000 0.74191000</p> <p>C 0.30251900 1.21731000 0.74170900</p> <p>C -0.99082800 -1.21626200 0.31907200</p> <p>H 0.80757200 -2.15992800 0.91511600</p> <p>C -0.99084000 1.21635100 0.31887100</p> <p>H 0.80755200 2.16013200 0.91475700</p> <p>C -1.66629900 0.00002200 0.09272200</p> <p>H -1.51669800 -2.14667300 0.15688600</p> <p>H -1.51671800 2.14673000 0.15653600</p> <p>H 2.83832400 0.92285700 1.64233100</p> <p>H 2.83833200 -0.92250500 1.64250700</p> <p>N -2.99692600 -0.00002000 -0.33988500</p> <p>O -3.57642400 -1.07744800 -0.52919400</p> <p>O -3.57644000 1.07737000 -0.52935500</p>
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	<p>-11</p> <p>C 1.16568600 -0.80277800 0.00003800</p> <p>H 2.19558100 -0.45854400 -0.00028300</p> <p>H 0.98555900 -1.87063200 0.00013900</p> <p>C 1.02867700 0.09820200 0.00001600</p> <p>C -1.29650000 -0.45208100 0.00001800</p> <p>H -1.83102400 -0.08120500 0.87904000</p> <p>H -1.83104200 -0.08054300 -0.87879100</p> <p>O -1.33791000 -1.54265800 -0.00058100</p> <p>O -2.28957000 1.37169000 0.00000500</p>	<p>-11</p> <p>C 1.16371200 0.24680300 0.08785800</p> <p>C 1.76792600 -1.10259300 -0.18808700</p> <p>H 2.50828600 -1.04096000 -0.98301700</p> <p>H 2.24699700 -1.46294000 0.72623600</p> <p>O 0.97883300 -1.81279600 -0.43923000</p> <p>O 1.64349300 1.26658600 -0.36636100</p> <p>C -0.07803300 0.26815800 0.93478600</p> <p>H -0.19323600 1.25669800 1.37316400</p> <p>H -0.01015800 -0.49369800 1.71153800</p> <p>C -1.31652900 -0.05670600 0.03152800</p> <p>O -1.96210300 0.92512900 -0.38124000</p> <p>O -1.52553700 -1.26425000 -0.20054900</p>	<p>-11</p> <p>C 1.24338300 -0.15618200 0.17600100</p> <p>O 1.70927200 -1.20630100 -0.34714600</p> <p>O 0.35659300 -0.11140000 1.24667400</p> <p>H 0.13570400 -1.02674200 1.78613000</p> <p>H 0.15009300 0.82598000 1.74553700</p> <p>C 1.65797000 1.16639200 -0.46030500</p> <p>H 1.20737000 2.03369100 0.02284800</p> <p>H 2.74560600 1.26331500 -0.41698400</p> <p>H 1.37571200 1.16521700 -1.51625100</p> <p>C -1.62603200 -0.00720200 -0.12325200</p> <p>O -1.88453000 1.13534700 -0.04862600</p> <p>O -1.75048800 -1.13043500 -0.43622700</p>
11			
	<p>-11</p> <p>C 0.17013600 -0.71231300 0.00012100</p> <p>C 1.13362200 0.26425100 0.00012300</p> <p>C -1.34356100 -0.38605800 0.00007200</p> <p>C -1.79801500 -1.37983500 0.00016500</p> <p>C -1.84081000 0.30973000 1.26909800</p> <p>H -2.93448500 0.34795900 1.28416300</p> <p>H -1.51426100 -0.23457300 2.15841900</p> <p>H -1.47483000 1.33349400 1.35634600</p> <p>C -1.84042100 0.30937400 -1.26931500</p> <p>H -1.51409800 -0.23555300 -2.15833800</p> <p>H -2.93407400 0.34822500 -1.28449900</p> <p>H -1.47378800 1.33286600 -1.35700800</p> <p>C 2.58716900 -0.12127300 0.00007300</p> <p>H 2.69311300 -1.20608400 0.00044900</p> <p>H 3.12213000 0.27278700 -0.87719500</p> <p>C 3.12231200 0.27343800 0.87693100</p> <p>C 0.91683900 1.75288700 -0.00009500</p> <p>H 1.38212600 2.22944100 -0.87632100</p> <p>H -0.12774600 2.05341800 0.00037600</p> <p>H 1.38304100 2.22979000 0.87543700</p> <p>O 0.42134300 -1.98312100 0.00007700</p>	<p>-11</p> <p>C 0.58159600 0.66892900 -0.50374400</p> <p>C -0.70598200 0.52078900 0.30247400</p> <p>C 1.72977400 -0.34144700 -0.39690400</p> <p>H 2.19285400 -0.29979800 -1.38592900</p> <p>C 2.76552500 0.19469000 0.60263600</p> <p>H 3.66850200 -0.41648900 0.55652500</p> <p>H 3.03926200 1.22468600 0.37126900</p> <p>H 2.38981000 0.15929200 1.62617600</p> <p>C 1.38204800 -1.79776400 -0.10533000</p> <p>H 0.69706100 -2.19882400 -0.85023200</p> <p>H 2.29914900 -2.39023000 -0.12543500</p> <p>H 0.92839300 -1.93111000 0.87664200</p> <p>C -1.61927300 1.72525700 0.05147100</p> <p>H -1.84794200 1.83414200 -1.00734700</p> <p>H -2.55389100 1.59018000 0.59957500</p> <p>H -1.15075200 2.64894200 0.39613700</p> <p>C -0.40295000 0.44083700 1.80103200</p> <p>H 0.18388200 -0.43491200 2.06974700</p> <p>H 0.13724600 1.33146600 2.13265500</p> <p>H -1.34205000 0.38445200 2.35023700</p> <p>C -1.47666500 -0.73578700 -0.22993600</p> <p>O 0.76035900 1.63346800 -1.21984300</p> <p>O -1.43935600 -0.89537900 -1.47100800</p> <p>O -2.09174800 -1.43244100 0.59832500</p>	<p>-11</p> <p>C 0.58885000 0.59183600 -0.63298000</p> <p>C -0.27233000 0.92218600 0.40816300</p> <p>C 1.74102900 -0.42683500 -0.47098800</p> <p>H 2.15434700 -0.48092800 -1.48153900</p> <p>C 2.86850500 0.07733900 0.43301800</p> <p>H 3.74263000 -0.57507600 0.35303700</p> <p>H 3.17630300 1.08465100 0.14249600</p> <p>H 2.57462900 0.10959100 1.48251700</p> <p>C 1.30680100 -1.84633000 -0.10537500</p> <p>O 0.56502300 -2.21820200 -0.81610800</p> <p>H 2.16413400 -2.5207400 -0.13576500</p> <p>H 0.86994700 -1.90783200 0.89135700</p> <p>C -1.25591200 2.04309000 0.18290400</p> <p>H -1.59134500 2.06987000 -0.85376700</p> <p>H -2.13622700 1.93650500 0.82757900</p> <p>H -0.82658400 3.03238100 0.40714200</p> <p>C -0.01537500 0.62749800 1.86216400</p> <p>H 0.52949900 -0.29832200 2.03476000</p> <p>H 0.55076400 1.43048600 2.35789900</p> <p>H -0.96140000 0.53597000 2.40565300</p> <p>C -1.92030900 -0.94166800 -1.02703500</p> <p>O 0.49393200 1.08854400 -1.80322500</p> <p>O -2.15058700 -0.73677600 -1.25444500</p> <p>O -1.97575400 -1.41135700 0.94335900</p>
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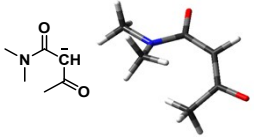
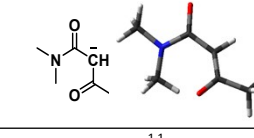

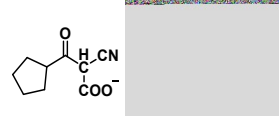
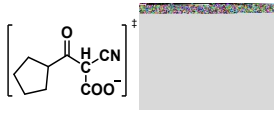
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	<p>-11</p> <p>C -1.74296000 -0.04861700 0.35886700</p> <p>C -1.13520700 1.26611700 -0.12002700</p> <p>C 0.44082200 -1.24289800 0.07087400</p> <p>C -1.03721900 -1.22214500 -0.30633200</p> <p>H -1.51417800 1.46745800 -1.13524200</p> <p>H -1.52307100 2.08608000 0.49654800</p> <p>H -1.62374600 -0.13173100 1.44534800</p> <p>H -2.81651900 -0.07326000 0.15048200</p> <p>H 0.99246800 -1.93051000 -0.57708000</p> <p>H 0.55863200 -1.62952900 1.09091900</p> <p>H -1.13640800 -1.12102200 -1.39331900</p> <p>H -1.51359600 -2.16884700 -0.03513900</p> <p>C 1.14398800 0.11665900 0.00757000</p> <p>O 2.42912400 0.07738800 0.06284700</p> <p>C 0.37317700 1.24425600 -0.07951300</p> <p>H 0.88782100 2.20207000 -0.13392200</p>	<p>-11</p> <p>C -1.88759400 -1.35784700 -0.23459400</p> <p>C -0.41019700 -1.42980700 0.13280400</p> <p>C 0.38785700 -2.23896000 -0.42094000</p> <p>C -1.74915600 1.15778100 -0.27925900</p> <p>C -2.50976200 -0.05819900 0.26004300</p> <p>H -0.29575100 -1.44813400 1.21926300</p> <p>H 0.03249700 -2.35373900 -0.24445100</p> <p>H -1.99975700 -1.42427200 -1.32211100</p> <p>H -2.41845100 -2.21175700 0.19171700</p> <p>H -2.12725000 2.09126500 0.13690800</p> <p>H -1.86855700 1.19842700 -1.36761900</p> <p>H -2.48682400 -0.03886200 1.35402600</p> <p>H -3.55790800 0.00976600 -0.03619700</p> <p>H 0.30410200 -0.25356600 -1.51407500</p> <p>C 1.89093700 -0.27239700 -0.06181700</p> <p>C -0.26669700 1.06245600 0.00221700</p> <p>O 2.19426000 -0.69703100 1.07354300</p> <p>O 2.67803000 1.12922200 -0.94743900</p> <p>O 0.33840700 1.97439900 0.52287300</p>	<p>-11</p> <p>C 2.15672000 -0.87833800 0.28542400</p> <p>C 0.89673900 -1.09084100 1.12170300</p> <p>C -0.04057400 0.09193100 1.07600700</p> <p>C 1.17195900 1.09988600 -0.87210000</p> <p>C 1.79024300 -0.28012200 -1.06588400</p> <p>H 0.39721700 -1.99971300 0.76056400</p> <p>H 1.18304900 -1.30146300 2.15833400</p> <p>H 2.83533500 -0.19108400 0.80384400</p> <p>H 2.69281200 -1.82310200 0.16070300</p> <p>H 0.68132300 1.44329300 -1.78752400</p> <p>H 1.95829900 1.83285100 -0.65705500</p> <p>H 1.07335800 -0.94116200 -1.56289900</p> <p>H 2.66657000 -0.21370900 -1.71638900</p> <p>H -0.70860700 0.22523700 1.92372300</p> <p>C -1.95726200 -0.68354800 -0.27926900</p> <p>C 0.15113900 1.20007900 0.26228600</p> <p>O -1.53208100 -1.70993200 -0.65556400</p> <p>O -2.72632400 0.18384000 -0.11307200</p> <p>O -0.46573800 2.30283800 0.36209900</p>
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15			
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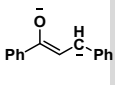
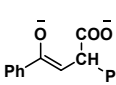
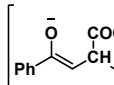
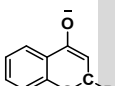
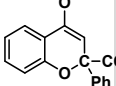
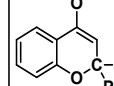
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<p>18</p> 			
<p>-11</p> <p>C -4.22550600 -0.74277100 0.46481700</p> <p>C -2.88191200 -1.07685600 0.38641700</p> <p>C -1.93133600 -0.15556500 -0.05168500</p> <p>C -2.37754500 1.10894400 -0.43685400</p> <p>C -3.72238800 1.44501200 -0.37158200</p> <p>C -4.65326300 0.52256800 0.08584100</p> <p>H -4.94281700 -1.47293900 0.82038400</p> <p>H -2.54697400 -2.06806500 0.66427100</p> <p>H -1.66889600 1.83645900 -0.81227100</p> <p>H -4.04523000 2.43017100 -0.68639700</p> <p>H -5.70270900 0.78482900 0.13876900</p> <p>C -0.47638000 -0.58652000 -0.11582600</p> <p>C 0.48045100 0.40207800 0.06905000</p> <p>H 0.13048800 1.40697300 0.27091400</p> <p>O -0.26720600 -1.82128400 -0.30816500</p> <p>C 1.91536500 0.24294200 0.05235000</p> <p>C 2.7827200 1.36562900 0.28784900</p> <p>C 2.58030000 -0.97715500 -0.19022300</p> <p>C 4.11797500 1.28031500 0.28231300</p> <p>C 2.26721900 2.32469600 0.47829800</p> <p>C 3.96538300 -1.05514800 -0.19475700</p> <p>H 1.97998200 -1.85642000 -0.37354300</p> <p>C 4.75181400 0.06492400 0.04021900</p> <p>H 4.70806700 2.17081900 0.46842500</p> <p>H 4.43869800 -2.01223900 -0.38622500</p> <p>H 5.83243200 -0.00439800 0.03512300</p>		<p>-11</p> <p>C 4.20213000 -1.36449600 0.19367600</p> <p>C 2.84307800 -1.46558200 0.43369700</p> <p>C 1.96837600 -0.47111600 -0.00077900</p> <p>C 2.48330600 0.63134300 -0.68064500</p> <p>C 3.84546400 0.73579600 -0.91704300</p> <p>C 4.70633300 -0.26145600 -0.48314600</p> <p>H 4.87069100 -2.14491800 0.53413500</p> <p>H 2.44009700 -2.31952000 0.96180400</p> <p>H 1.83093000 1.42449400 -1.02115000</p> <p>H 4.23460000 1.59882300 -1.44180800</p> <p>H 5.76946700 -0.17957200 -0.67134900</p> <p>C 0.50306000 -0.63780500 0.28462200</p> <p>O 0.11881400 -1.58517700 0.93597300</p> <p>C -1.88977800 -0.02897700 -0.26565100</p> <p>C -2.54420900 -0.28410100 -1.46676100</p> <p>C -2.60462000 -0.17049500 0.92231000</p> <p>C -3.87769700 -0.67124400 -1.48703500</p> <p>H -2.00426300 -0.17693500 -2.40068400</p> <p>C -3.93544600 -0.55680500 0.90609200</p> <p>H -2.10859500 0.03209500 1.86238300</p> <p>C -4.57842200 -0.80975400 -0.29902000</p> <p>H -4.36769100 -0.86264300 -2.43378000</p> <p>H -4.47523500 -0.66017800 1.83951500</p> <p>H -5.61867100 -1.11032800 -0.31012900</p> <p>C -0.44596100 0.40577700 -0.27419300</p> <p>H -0.15885500 0.60448700 -1.30658200</p> <p>C -0.27957200 1.75784400 0.51494800</p> <p>O -0.01699200 1.65860700 1.72920100</p> <p>O -0.45040700 2.79414700 -0.15252100</p>	<p>-11</p> <p>C 4.29460600 -1.27573400 -0.17723200</p> <p>C 2.95198600 -1.45895400 0.11520500</p> <p>C 2.02694700 -0.43521500 -0.07935000</p> <p>C 2.48808800 0.78894100 -0.56289400</p> <p>C 3.83323400 0.98043500 -0.84291300</p> <p>C 4.74152800 -0.05229600 -0.65696200</p> <p>H 4.99501900 -2.08853100 -0.02834400</p> <p>H 2.59790000 -2.40541900 0.50257700</p> <p>H 1.79945000 1.61148000 -0.70360200</p> <p>H 4.17341300 1.94263000 -1.20575900</p> <p>H 5.79054800 0.09694000 -0.88061900</p> <p>C 0.57459600 -0.71392300 0.26057900</p> <p>C -0.40571600 0.10604300 -0.34687400</p> <p>H -0.05947700 0.72161700 -1.16603700</p> <p>O 0.34927200 -1.63637700 1.06733100</p> <p>C -0.43167600 1.75723500 1.17508900</p> <p>O -0.22551900 2.71287600 0.50844300</p> <p>O -0.67507700 1.23150800 2.20239600</p> <p>C -1.83553800 -0.18257200 -0.39592100</p> <p>C -2.62566600 0.48445900 -1.34877700</p> <p>C -2.49698000 -1.06940100 0.46908300</p> <p>C -3.99130000 0.28062700 -1.43673100</p> <p>H -2.14645000 1.17747100 -2.03216500</p> <p>C -3.86644000 -1.27313700 0.37515900</p> <p>H -1.91590900 -1.59610800 1.21077500</p> <p>H -4.62736000 -0.60387500 -0.57304900</p> <p>H -4.56439500 0.81395600 -2.18634100</p> <p>H -4.34562100 -1.96645600 1.05729500</p> <p>H -5.69574000 -0.76722700 -0.63982700</p>

<p>19</p> 		
<p>-11</p> <p>C -1.45074700 0.61459500 -0.18331100</p> <p>C 0.00836900 0.23771600 -0.08915900</p> <p>C 0.91073000 1.19145300 0.38051000</p> <p>C 0.51122800 -0.99587500 -0.50030400</p> <p>C 2.26723600 0.91716500 0.46159100</p> <p>C 0.52956500 2.16052400 0.67705200</p> <p>C 1.87078300 -1.27001400 -0.43442600</p> <p>C -0.16643600 -1.74648500 -0.88493000</p> <p>C 2.75458500 -0.31765400 0.05285400</p> <p>H 2.94826900 1.66966400 0.84113500</p> <p>H 2.24146400 -2.23127000 -0.76999200</p> <p>H 3.81469300 -0.53270500 0.10748800</p> <p>O -1.72174100 1.81699700 -0.54977900</p> <p>C -2.40438000 -0.30200800 0.13426500</p> <p>H -3.46954400 -0.11813300 0.11613500</p> <p>F -2.10343300 -1.57664800 0.59769200</p>	<p>-11</p> <p>C -0.45721300 1.15270000 0.17914500</p> <p>C 0.82857000 0.40416500 0.06955500</p> <p>C 2.00653800 1.13438100 -0.08395600</p> <p>C 0.88424600 -0.98876900 0.08825400</p> <p>C 3.22115900 0.48586400 -0.21394500</p> <p>H 1.95458200 2.21504800 -0.09932800</p> <p>C 2.10149800 -1.63673800 -0.05340100</p> <p>H -0.01987500 -1.57130200 0.20518600</p> <p>C 3.26928000 -0.90264500 -0.20065500</p> <p>H 4.13178500 1.05993500 -0.32703400</p> <p>H 2.13798400 -2.71843600 -0.04643700</p> <p>H 4.21908400 -1.41194600 -0.30497800</p> <p>O -0.52293200 2.33387900 -0.08397900</p> <p>C -1.71339700 0.41381700 0.61894900</p> <p>H -2.46128300 1.16623300 0.87346600</p> <p>C -2.28938600 -0.47418200 -0.52757600</p> <p>O -2.43441200 0.14032500 -1.60029100</p> <p>O -2.54946900 -1.65405600 -0.25377200</p> <p>F -1.44617000 -0.31469700 1.77169300</p>	<p>-11</p> <p>C -3.25175100 0.57480200 -0.27930000</p> <p>C -2.01685800 1.16380400 -0.05595600</p> <p>C -0.86918100 0.38829100 0.09721200</p> <p>C -0.98598900 -0.99746100 0.00110800</p> <p>C -2.21853500 -1.58888800 -0.23821600</p> <p>C -3.35685200 -0.80658500 -0.37288700</p> <p>H -4.13420600 1.19427800 -0.38451000</p> <p>H -1.92514000 2.24108600 -0.00084100</p> <p>H -1.05316000 -1.61676500 0.10171000</p> <p>H -2.28909700 -2.66658500 -0.32281200</p> <p>H -4.31888100 -1.26974500 -0.55431000</p> <p>C 0.44365500 1.10032100 0.31355700</p> <p>C 1.43615500 0.50070800 1.07197600</p> <p>H 2.29683700 1.05522800 1.42372600</p> <p>O 0.60837000 2.21758400 -0.25322200</p> <p>C 2.65394300 -0.54633000 -0.74180100</p> <p>C 3.01510700 0.37787900 -1.36228400</p> <p>O 2.51899100 -1.65900900 -0.39945200</p> <p>F 1.14761500 -0.57345500 1.89806000</p>
<p>20</p> 		
<p>-11</p> <p>C 0.21920100 0.08577100 -0.05416500</p> <p>C 1.06964700 1.16714400 0.17592800</p> <p>C 2.44526300 1.00305700 0.25301800</p> <p>C 3.00936000 -0.25403800 0.08461900</p> <p>C 2.17948700 -1.33964800 -0.16371600</p> <p>C 0.80419400 -1.16991600 -0.23229100</p> <p>H 0.62453900 2.14699300 0.29126500</p> <p>H 3.80869800 1.86023500 0.44330200</p> <p>H 4.08314400 -0.38584400 0.13696400</p> <p>H 2.60664800 -2.32423500 -0.31399000</p> <p>H 0.17646500 -2.02603300 -0.44631600</p> <p>C -1.27506200 0.33433700 -0.11543100</p> <p>C -2.11746200 -0.68979300 0.22404000</p> <p>H -1.71118000 -1.64036500 0.54540100</p> <p>C -3.60987700 -0.52474700 0.21809100</p> <p>H -3.97395100 -0.10340100 -0.72596400</p> <p>H -4.11649200 -1.48162200 0.36561000</p> <p>H -3.97050800 0.15213700 1.00515600</p> <p>O -1.64348400 1.51614100 -0.45524700</p>	<p>-11</p> <p>C 0.87957000 -0.39684400 -0.11461700</p> <p>C 1.95360600 -1.18581200 0.29419300</p> <p>C 3.23705600 -0.66957900 0.32553500</p> <p>C 3.46327800 0.64829100 -0.05096700</p> <p>C 2.40145000 1.44316200 -0.45663600</p> <p>C 1.11580800 0.92427900 -0.49118300</p> <p>H 1.76534300 -2.21048800 0.58615000</p> <p>H 4.06326300 -1.29278300 0.64340300</p> <p>H 4.46664500 1.05468000 -0.02719100</p> <p>H 2.57353600 2.47151300 -0.74764600</p> <p>H 0.29763600 1.56164800 -0.79996000</p> <p>C -0.49211700 -1.00868300 -0.13678000</p> <p>C -2.90413700 -0.99132200 -0.85692000</p> <p>H -3.23444200 -1.47149700 0.06377600</p> <p>H -3.70696200 -0.34857400 -1.22136900</p> <p>H -2.72505400 -1.77024600 -1.59959500</p> <p>O -0.64504500 -2.15862200 0.22320100</p> <p>C -1.64879500 -0.16255800 -0.61351900</p> <p>H -1.35519000 0.33025500 -1.54145400</p> <p>C -1.95642500 0.95923200 0.43395900</p> <p>O -1.98779700 0.59722700 1.62773400</p> <p>O -2.17222500 2.10070600 -0.02024800</p>	<p>-11</p> <p>C -0.86721700 -0.42147300 0.13456300</p> <p>C -1.83792900 -1.11002900 -0.59091700</p> <p>C -3.14865200 -0.65979000 -0.65584100</p> <p>C -3.51969200 0.50094300 0.00680300</p> <p>C -2.56432100 1.20244100 0.79381900</p> <p>C -1.25647700 0.74621900 0.97981900</p> <p>H -1.53844500 -2.01278700 -1.10647300</p> <p>H -3.88259100 -1.21743800 -1.22553800</p> <p>H -4.54132400 0.85745500 -0.04024000</p> <p>H -2.83905000 2.11339100 1.24896400</p> <p>H -0.53169200 1.32070800 1.35329800</p> <p>C 0.54114000 -0.99262200 0.16751400</p> <p>C 1.50751100 -0.38127900 0.95763400</p> <p>C 1.20751700 0.36355200 1.68104100</p> <p>C 2.84061300 -1.03945700 1.16363300</p> <p>H 3.30685200 -1.28969100 0.20746700</p> <p>H 3.52634700 -0.38524900 1.70725900</p> <p>H 2.76653300 -1.97774700 1.72924700</p> <p>C 2.05490100 1.30165700 -0.68514900</p> <p>O 0.75955100 -2.01031100 -0.55142500</p> <p>O 2.76408500 0.69292300 -1.39393300</p> <p>O 1.47968800 2.23590900 -0.26610700</p>
<p>21</p> 		
<p>-11</p> <p>C 1.51021100 -0.03250000 -0.12602100</p> <p>O 1.54512100 -1.27621100 0.01548900</p> <p>O 0.28853100 0.57686900 -0.47156700</p> <p>O -0.95853500 0.05871200 0.00663100</p> <p>C -1.36878400 -1.20748600 -0.74569600</p> <p>H -0.67415100 -2.01623500 -0.53342100</p> <p>H -2.37804200 -1.50702500 -0.45248900</p> <p>H -1.36852400 -1.01798700 -1.82149000</p> <p>C -1.95716700 1.17265900 -0.29602000</p> <p>H -1.97260500 1.38732900 -1.36626800</p> <p>H -2.96257000 0.87860800 0.01118300</p> <p>H -1.68432400 2.08586000 0.23591800</p> <p>C -0.90796300 -0.18820100 1.51278400</p> <p>H -0.20514300 -0.98563900 1.74756400</p> <p>H -0.59726300 0.72031700 2.03317300</p> <p>H -1.89725500 -0.47048600 1.87855400</p> <p>C 2.54075100 0.87486800 -0.02767200</p> <p>H 2.36931700 1.93457100 -0.15558100</p> <p>H 3.55026300 0.51711100 0.12744000</p>	<p>-11</p> <p>C -0.33255300 0.81955300 -0.08577300</p> <p>O -0.05555100 1.63735200 0.76145100</p> <p>C -1.68470700 0.69577900 -0.72125500</p> <p>H -1.59326200 0.37275600 -1.75801400</p> <p>H -2.17009300 1.67111800 -0.70440700</p> <p>O 0.51345700 -0.08739500 -0.57173500</p> <p>C 1.87592700 -0.24876300 -0.07280500</p> <p>C -2.60729300 -0.31695900 0.02020700</p> <p>O -2.13439000 -0.90387200 1.01368100</p> <p>O -3.74938000 -0.43715300 -0.46453100</p> <p>C 2.68963000 1.01219600 -0.33551400</p> <p>H 2.34837900 1.84125700 0.27969200</p> <p>H 3.73791600 0.81415000 -0.10625000</p> <p>H 2.61873800 1.29568400 -1.38695900</p> <p>C 2.40882000 -1.40502300 -0.90702000</p> <p>H 2.39677800 -1.15044400 -1.96770000</p> <p>H 3.43551200 -1.62931600 -0.61589700</p> <p>H 1.80155300 -2.29821400 -0.75470300</p> <p>C 1.85736300 -0.62507900 1.40285800</p> <p>H 1.48414200 0.19186900 2.01588200</p> <p>H 1.23155000 -1.50432900 1.56186700</p> <p>H 2.87272100 -0.86619900 1.72139600</p>	<p>-11</p> <p>C -0.26474600 1.13562400 -0.44557200</p> <p>O -0.04897600 1.86698700 0.53666600</p> <p>C -1.40638400 1.08858700 -1.23961100</p> <p>H -1.41331100 0.49349200 -2.14156400</p> <p>H -2.12213200 1.89548600 -1.14863900</p> <p>O 0.69869600 0.21320200 -0.85186700</p> <p>C 1.68183600 -0.30568200 0.05695500</p> <p>C -2.53931900 -0.62825300 0.20077200</p> <p>C -2.86598700 0.04175300 1.10084400</p> <p>C -2.39786000 -1.56373200 -0.48684800</p> <p>C 2.72903300 0.74734600 0.41601300</p> <p>H 2.28357700 1.54774900 1.00070900</p> <p>H 3.53666000 0.28633900 0.98947000</p> <p>C 3.15755900 1.17303200 -0.49395300</p> <p>C 2.34304000 -1.42992500 -0.73479300</p> <p>H 2.79198700 -1.03790900 -1.64926800</p> <p>H 3.12672900 -1.90309800 -0.14052000</p> <p>H 1.60763800 -2.18873000 -1.00755300</p> <p>C 1.01841100 -0.88102500 1.30610700</p> <p>C 0.53300600 -0.09625200 1.88283600</p> <p>H 0.27264300 -1.62781700 1.02522400</p> <p>H 1.76743800 -1.36800400 1.93367900</p>

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<tr><td>H</td><td>-4.37573600</td><td>1.07036300</td><td>1.30683400</td></tr> <tr><td>O</td><td>-1.80010100</td><td>-0.68410600</td><td>-0.00006700</td></tr> <tr><td>O</td><td>-0.62418900</td><td>0.05923400</td><td>-0.00008000</td></tr> <tr><td>O</td><td>-0.66828400</td><td>1.29929900</td><td>-0.00015100</td></tr> <tr><td>C</td><td>0.49439600</td><td>-0.78010300</td><td>-0.00003100</td></tr> <tr><td>H</td><td>0.30174500</td><td>-1.84588300</td><td>-0.00001500</td></tr> <tr><td>C</td><td>1.86666800</td><td>-0.36861900</td><td>-0.00000200</td></tr> <tr><td>C</td><td>2.88788600</td><td>-1.35042500</td><td>-0.00002100</td></tr> <tr><td>C</td><td>2.31046700</td><td>0.97522400</td><td>0.00005300</td></tr> <tr><td>C</td><td>4.22981100</td><td>-1.02184100</td><td>-0.00001200</td></tr> <tr><td>H</td><td>2.59951900</td><td>-2.39700800</td><td>-0.00004500</td></tr> <tr><td>C</td><td>3.65934100</td><td>1.29423200</td><td>0.00006500</td></tr> <tr><td>H</td><td>1.56804000</td><td>1.76036200</td><td>0.00007900</td></tr> <tr><td>C</td><td>4.63972500</td><td>0.30924900</td><td>0.00002300</td></tr> <tr><td>H</td><td>4.96979800</td><td>-1.81510600</td><td>-0.00003000</td></tr> <tr><td>H</td><td>3.95054400</td><td>2.33962600</td><td>0.00010300</td></tr> <tr><td>H</td><td>5.69106200</td><td>0.56810000</td><td>0.00000600</td></tr> </tbody> </table>	C	-3.10209500	-0.07977900	0.00003000	C	-4.04619900	-1.27908200	0.00007100	H	-3.88095200	-1.89493200	0.88587300	H	-5.08468400	-0.94370500	0.00018800	H	-3.88112600	-1.89486400	-0.88580900	C	-3.33326400	0.74809900	-1.26286200	H	-4.37590900	1.07028800	-1.30669200	H	-2.68974500	1.62398100	-1.27628500	H	-3.12629300	0.14393000	-2.14880300	C	-3.33312200	0.74806800	1.26295000	H	-3.12619300	0.14386400	2.14887600	H	-2.68954000	1.62390300	1.27636800	H	-4.37573600	1.07036300	1.30683400	O	-1.80010100	-0.68410600	-0.00006700	O	-0.62418900	0.05923400	-0.00008000	O	-0.66828400	1.29929900	-0.00015100	C	0.49439600	-0.78010300	-0.00003100	H	0.30174500	-1.84588300	-0.00001500	C	1.86666800	-0.36861900	-0.00000200	C	2.88788600	-1.35042500	-0.00002100	C	2.31046700	0.97522400	0.00005300	C	4.22981100	-1.02184100	-0.00001200	H	2.59951900	-2.39700800	-0.00004500	C	3.65934100	1.29423200	0.00006500	H	1.56804000	1.76036200	0.00007900	C	4.63972500	0.30924900	0.00002300	H	4.96979800	-1.81510600	-0.00003000	H	3.95054400	2.33962600	0.00010300	H	5.69106200	0.56810000	0.00000600	<p>-11</p> 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<tr><td>C</td><td>-3.78498900</td><td>-1.18433200</td><td>1.05973700</td></tr> <tr><td>O</td><td>-2.09928500</td><td>-0.70042300</td><td>2.29133100</td></tr> <tr><td>C</td><td>-3.61903700</td><td>-0.53328400</td><td>-1.24138600</td></tr> <tr><td>H</td><td>-1.80726800</td><td>0.46419600</td><td>-1.80629700</td></tr> <tr><td>C</td><td>-4.33649500</td><td>-1.12769700</td><td>-0.21074700</td></tr> <tr><td>H</td><td>-4.33546900</td><td>-1.64257100</td><td>1.87214800</td></tr> <tr><td>H</td><td>-4.04333900</td><td>-0.48154600</td><td>-2.23663900</td></tr> <tr><td>H</td><td>-5.31963300</td><td>-1.54104900</td><td>-0.39810100</td></tr> </tbody> 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H	-4.37590900	1.07028800	-1.30669200																																																																																																																																																																																																																																																																																																																																																																																				
H	-2.68974500	1.62398100	-1.27628500																																																																																																																																																																																																																																																																																																																																																																																				
H	-3.12629300	0.14393000	-2.14880300																																																																																																																																																																																																																																																																																																																																																																																				
C	-3.33312200	0.74806800	1.26295000																																																																																																																																																																																																																																																																																																																																																																																				
H	-3.12619300	0.14386400	2.14887600																																																																																																																																																																																																																																																																																																																																																																																				
H	-2.68954000	1.62390300	1.27636800																																																																																																																																																																																																																																																																																																																																																																																				
H	-4.37573600	1.07036300	1.30683400																																																																																																																																																																																																																																																																																																																																																																																				
O	-1.80010100	-0.68410600	-0.00006700																																																																																																																																																																																																																																																																																																																																																																																				
O	-0.62418900	0.05923400	-0.00008000																																																																																																																																																																																																																																																																																																																																																																																				
O	-0.66828400	1.29929900	-0.00015100																																																																																																																																																																																																																																																																																																																																																																																				
C	0.49439600	-0.78010300	-0.00003100																																																																																																																																																																																																																																																																																																																																																																																				
H	0.30174500	-1.84588300	-0.00001500																																																																																																																																																																																																																																																																																																																																																																																				
C	1.86666800	-0.36861900	-0.00000200																																																																																																																																																																																																																																																																																																																																																																																				
C	2.88788600	-1.35042500	-0.00002100																																																																																																																																																																																																																																																																																																																																																																																				
C	2.31046700	0.97522400	0.00005300																																																																																																																																																																																																																																																																																																																																																																																				
C	4.22981100	-1.02184100	-0.00001200																																																																																																																																																																																																																																																																																																																																																																																				
H	2.59951900	-2.39700800	-0.00004500																																																																																																																																																																																																																																																																																																																																																																																				
C	3.65934100	1.29423200	0.00006500																																																																																																																																																																																																																																																																																																																																																																																				
H	1.56804000	1.76036200	0.00007900																																																																																																																																																																																																																																																																																																																																																																																				
C	4.63972500	0.30924900	0.00002300																																																																																																																																																																																																																																																																																																																																																																																				
H	4.96979800	-1.81510600	-0.00003000																																																																																																																																																																																																																																																																																																																																																																																				
H	3.95054400	2.33962600	0.00010300																																																																																																																																																																																																																																																																																																																																																																																				
H	5.69106200	0.56810000	0.00000600																																																																																																																																																																																																																																																																																																																																																																																				
C	3.11974600	-0.53082800	0.08153200																																																																																																																																																																																																																																																																																																																																																																																				
C	4.10205500	0.08805700	1.06566800																																																																																																																																																																																																																																																																																																																																																																																				
H	3.85870100	-0.20684100	2.08727000																																																																																																																																																																																																																																																																																																																																																																																				
H	5.11410900	-0.24892300	0.83916000																																																																																																																																																																																																																																																																																																																																																																																				
H	4.07550500	1.17648700	0.99983800																																																																																																																																																																																																																																																																																																																																																																																				
C	3.43351100	-0.07543700	-1.33734400																																																																																																																																																																																																																																																																																																																																																																																				
H	4.45245400	-0.37329500	-1.58934800																																																																																																																																																																																																																																																																																																																																																																																				
H	2.75175300	-0.52076700	-2.05793900																																																																																																																																																																																																																																																																																																																																																																																				
H	3.36716800	1.01108200	-1.40952800																																																																																																																																																																																																																																																																																																																																																																																				
C	3.12070200	-2.04830300	0.21487800																																																																																																																																																																																																																																																																																																																																																																																				
H	2.82404600	-2.33906500	1.22404400																																																																																																																																																																																																																																																																																																																																																																																				
H	2.44553100	-2.51104200	-0.50099600																																																																																																																																																																																																																																																																																																																																																																																				
H	4.13020400	-2.42149600	0.03565500																																																																																																																																																																																																																																																																																																																																																																																				
O	1.83628100	0.01318200	0.51652000																																																																																																																																																																																																																																																																																																																																																																																				
C	0.68878900	-0.25731800	-0.10407900																																																																																																																																																																																																																																																																																																																																																																																				
O	0.57097100	-1.01156800	-1.03821700																																																																																																																																																																																																																																																																																																																																																																																				
C	-0.43279000	0.52501400	0.54614900																																																																																																																																																																																																																																																																																																																																																																																				
H	-0.25508800	0.51868400	1.62091400																																																																																																																																																																																																																																																																																																																																																																																				
C	-0.37132500	2.02693300	0.08809600																																																																																																																																																																																																																																																																																																																																																																																				
O	-0.88768200	2.84183700	0.87431200																																																																																																																																																																																																																																																																																																																																																																																				
O	0.15623100	2.25601200	-1.01806300																																																																																																																																																																																																																																																																																																																																																																																				
C	-1.79599000	-0.05709500	0.27020700																																																																																																																																																																																																																																																																																																																																																																																				
C	-2.52369900	-0.65250600	1.29500700																																																																																																																																																																																																																																																																																																																																																																																				
C	-2.36143200	-0.00306100	-1.00237200																																																																																																																																																																																																																																																																																																																																																																																				
C	-3.78498900	-1.18433200	1.05973700																																																																																																																																																																																																																																																																																																																																																																																				
O	-2.09928500	-0.70042300	2.29133100																																																																																																																																																																																																																																																																																																																																																																																				
C	-3.61903700	-0.53328400	-1.24138600																																																																																																																																																																																																																																																																																																																																																																																				
H	-1.80726800	0.46419600	-1.80629700																																																																																																																																																																																																																																																																																																																																																																																				
C	-4.33649500	-1.12769700	-0.21074700																																																																																																																																																																																																																																																																																																																																																																																				
H	-4.33546900	-1.64257100	1.87214800																																																																																																																																																																																																																																																																																																																																																																																				
H	-4.04333900	-0.48154600	-2.23663900																																																																																																																																																																																																																																																																																																																																																																																				
H	-5.31963300	-1.54104900	-0.39810100																																																																																																																																																																																																																																																																																																																																																																																				
C	3.12664900	-0.43933200	0.18775700																																																																																																																																																																																																																																																																																																																																																																																				
C	4.06398400	0.17023200	1.22471000																																																																																																																																																																																																																																																																																																																																																																																				
H	3.95147700	-0.33662500	2.18458500																																																																																																																																																																																																																																																																																																																																																																																				
H	5.10097100	0.07065400	0.90039600																																																																																																																																																																																																																																																																																																																																																																																				
H	3.84313000	1.22976900	1.36342500																																																																																																																																																																																																																																																																																																																																																																																				
C	3.26478500	0.30991200	-1.13464400																																																																																																																																																																																																																																																																																																																																																																																				
H	4.29774900	0.25263700	-1.48291500																																																																																																																																																																																																																																																																																																																																																																																				
H	2.61449800	-0.11444200	-1.89630800																																																																																																																																																																																																																																																																																																																																																																																				
H	3.00963000	1.36274600	-0.99720000																																																																																																																																																																																																																																																																																																																																																																																				
C	3.43372900	-1.92652100	0.03079000																																																																																																																																																																																																																																																																																																																																																																																				
H	3.27114800	-2.44371800	0.97864800																																																																																																																																																																																																																																																																																																																																																																																				
H	2.80003900	-2.37723900	-0.72838000																																																																																																																																																																																																																																																																																																																																																																																				
H	4.48035600	-2.05602500	-0.25279000																																																																																																																																																																																																																																																																																																																																																																																				
O	1.82015200	-0.22808600	0.75865900																																																																																																																																																																																																																																																																																																																																																																																				
C	0.66199200	-0.52654500	0.07546000																																																																																																																																																																																																																																																																																																																																																																																				
O	0.67980700	-1.25055000	-0.92111900																																																																																																																																																																																																																																																																																																																																																																																				
O	-0.45154200	0.11716900	0.66940600																																																																																																																																																																																																																																																																																																																																																																																				
H	-0.25348500	0.59571500	1.61925500																																																																																																																																																																																																																																																																																																																																																																																				
C	-0.15601900	2.09635300	-0.57427400																																																																																																																																																																																																																																																																																																																																																																																				
O	-0.59397500	1.81434400	-1.62727500																																																																																																																																																																																																																																																																																																																																																																																				
O	0.33179700	2.79731800	0.23551100																																																																																																																																																																																																																																																																																																																																																																																				
C	-1.83646000	-0.21677800	0.41211400																																																																																																																																																																																																																																																																																																																																																																																				
C	-2.82477600	0.22364800	1.31514400																																																																																																																																																																																																																																																																																																																																																																																				
C	-2.28912200	-0.92756300	-0.71466100																																																																																																																																																																																																																																																																																																																																																																																				
C	-4.16910000	-0.02907900	1.11181900																																																																																																																																																																																																																																																																																																																																																																																				
H	-2.51596800	0.77737300	2.19581800																																																																																																																																																																																																																																																																																																																																																																																				
C	-3.63861500	-1.18120400	-0.91170100																																																																																																																																																																																																																																																																																																																																																																																				
H	-1.56136000	-1.27450700	-1.43325200																																																																																																																																																																																																																																																																																																																																																																																				
C	-4.59423100	-0.73809100	-0.00712400																																																																																																																																																																																																																																																																																																																																																																																				
H	-4.89397500	0.32836100	1.83456000																																																																																																																																																																																																																																																																																																																																																																																				
H	-3.94810800	-1.73347500	-1.79234800																																																																																																																																																																																																																																																																																																																																																																																				
H	-5.64600400	-0.93863400	-0.16848000																																																																																																																																																																																																																																																																																																																																																																																				
23 C ₁																																																																																																																																																																																																																																																																																																																																																																																							
	<p>-11</p> <table border="1"> <tbody> <tr><td>C</td><td>0.19403000</td><td>0.21135000</td><td>0.00130000</td></tr> <tr><td>O</td><td>0.17802500</td><td>1.44148700</td><td>0.00356600</td></tr> <tr><td>C</td><td>1.40498300</td><td>-0.44497500</td><td>-0.00079900</td></tr> <tr><td>O</td><td>2.57238900</td><td>0.36438200</td><td>0.00275700</td></tr> <tr><td>H</td><td>2.57508300</td><td>1.01650200</td><td>-0.87426900</td></tr> <tr><td>H</td><td>2.57654900</td><td>1.00629700</td><td>0.88735400</td></tr> <tr><td>C</td><td>-2.25576300</td><td>-0.38795400</td><td>-0.00069900</td></tr> <tr><td>O</td><td>-3.14710100</td><td>-1.26758300</td><td>0.00222200</td></tr> <tr><td>C</td><td>-2.70423200</td><td>1.06446500</td><td>-0.00508000</td></tr> <tr><td>H</td><td>-2.29292400</td><td>1.60138000</td><td>-0.86043800</td></tr> <tr><td>H</td><td>-3.79289300</td><td>1.09676600</td><td>-0.03562000</td></tr> <tr><td>H</td><td>-2.34617600</td><td>1.58613100</td><td>0.88371500</td></tr> <tr><td>C</td><td>3.77390800</td><td>-0.55271100</td><td>-0.00360300</td></tr> <tr><td>H</td><td>3.77722900</td><td>-1.18436800</td><td>-0.89329800</td></tr> <tr><td>H</td><td>4.69062100</td><td>0.03903500</td><td>-0.00014200</td></tr> <tr><td>H</td><td>3.77796500</td><td>-1.19590500</td><td>0.87777400</td></tr> <tr><td>C</td><td>-0.88425700</td><td>-0.70595900</td><td>0.00075200</td></tr> <tr><td>H</td><td>-0.62915900</td><td>-1.75870200</td><td>0.00244100</td></tr> </tbody> </table>	C	0.19403000	0.21135000	0.00130000	O	0.17802500	1.44148700	0.00356600	C	1.40498300	-0.44497500	-0.00079900	O	2.57238900	0.36438200	0.00275700	H	2.57508300	1.01650200	-0.87426900	H	2.57654900	1.00629700	0.88735400	C	-2.25576300	-0.38795400	-0.00069900	O	-3.14710100	-1.26758300	0.00222200	C	-2.70423200	1.06446500	-0.00508000	H	-2.29292400	1.60138000	-0.86043800	H	-3.79289300	1.09676600	-0.03562000	H	-2.34617600	1.58613100	0.88371500	C	3.77390800	-0.55271100	-0.00360300	H	3.77722900	-1.18436800	-0.89329800	H	4.69062100	0.03903500	-0.00014200	H	3.77796500	-1.19590500	0.87777400	C	-0.88425700	-0.70595900	0.00075200	H	-0.62915900	-1.75870200	0.00244100	<p>-11</p> <table border="1"> <tbody> <tr><td>C</td><td>-0.57313900</td><td>-0.40540000</td><td>0.26809400</td></tr> <tr><td>O</td><td>-0.57557600</td><td>-0.97485300</td><td>1.33285700</td></tr> <tr><td>C</td><td>0.64538200</td><td>0.05626200</td><td>-0.48219200</td></tr> <tr><td>H</td><td>0.39009900</td><td>0.17037500</td><td>-1.53510500</td></tr> <tr><td>O</td><td>-1.68514800</td><td>-0.09172800</td><td>-0.39436300</td></tr> <tr><td>C</td><td>-2.93193800</td><td>-0.38955600</td><td>0.25324100</td></tr> <tr><td>H</td><td>-2.98285400</td><td>-1.46252600</td><td>0.44378800</td></tr> <tr><td>H</td><td>-2.95851500</td><td>0.12769500</td><td>1.21353500</td></tr> <tr><td>C</td><td>1.09407800</td><td>1.49002900</td><td>0.02414800</td></tr> <tr><td>O</td><td>0.29697000</td><td>2.09849000</td><td>0.75418000</td></tr> <tr><td>O</td><td>2.20787000</td><td>1.84919500</td><td>-0.39228900</td></tr> <tr><td>C</td><td>1.83168900</td><td>-0.88676800</td><td>-0.40651400</td></tr> <tr><td>O</td><td>2.31500800</td><td>-1.33321700</td><td>-1.42346100</td></tr> <tr><td>C</td><td>2.39680800</td><td>-1.22920600</td><td>0.94368300</td></tr> <tr><td>H</td><td>1.78013000</td><td>-2.01373300</td><td>1.38575500</td></tr> <tr><td>H</td><td>3.41721000</td><td>-1.59035900</td><td>0.83291200</td></tr> <tr><td>H</td><td>2.36234200</td><td>-0.37654200</td><td>1.62039200</td></tr> <tr><td>C</td><td>-4.04434600</td><td>0.06796400</td><td>-0.65651200</td></tr> <tr><td>H</td><td>-4.00680600</td><td>-0.45557300</td><td>-1.61240500</td></tr> <tr><td>H</td><td>-5.00566700</td><td>-0.14313000</td><td>-0.18689800</td></tr> <tr><td>H</td><td>-3.98012800</td><td>1.14075000</td><td>-0.84107200</td></tr> </tbody> </table>	C	-0.57313900	-0.40540000	0.26809400	O	-0.57557600	-0.97485300	1.33285700	C	0.64538200	0.05626200	-0.48219200	H	0.39009900	0.17037500	-1.53510500	O	-1.68514800	-0.09172800	-0.39436300	C	-2.93193800	-0.38955600	0.25324100	H	-2.98285400	-1.46252600	0.44378800	H	-2.95851500	0.12769500	1.21353500	C	1.09407800	1.49002900	0.02414800	O	0.29697000	2.09849000	0.75418000	O	2.20787000	1.84919500	-0.39228900	C	1.83168900	-0.88676800	-0.40651400	O	2.31500800	-1.33321700	-1.42346100	C	2.39680800	-1.22920600	0.94368300	H	1.78013000	-2.01373300	1.38575500	H	3.41721000	-1.59035900	0.83291200	H	2.36234200	-0.37654200	1.62039200	C	-4.04434600	0.06796400	-0.65651200	H	-4.00680600	-0.45557300	-1.61240500	H	-5.00566700	-0.14313000	-0.18689800	H	-3.98012800	1.14075000	-0.84107200	<p>-11</p> <table border="1"> <tbody> <tr><td>C</td><td>-0.56174000</td><td>-0.61757500</td><td>0.06384700</td></tr> <tr><td>O</td><td>-0.62105400</td><td>-1.35306400</td><td>1.03434800</td></tr> <tr><td>C</td><td>0.60468600</td><td>-0.15715300</td><td>-0.64600200</td></tr> <tr><td>H</td><td>0.39785000</td><td>0.31662700</td><td>-1.59645200</td></tr> <tr><td>O</td><td>-1.69198500</td><td>-0.07794500</td><td>-0.46835300</td></tr> <tr><td>C</td><td>-2.92483900</td><td>-0.40753400</td><td>0.16818100</td></tr> <tr><td>H</td><td>-3.06839100</td><td>-1.49005200</td><td>0.14604000</td></tr> <tr><td>H</td><td>-2.88752000</td><td>-0.09901200</td><td>1.21513000</td></tr> <tr><td>C</td><td>1.06751500</td><td>1.68293900</td><td>0.44618900</td></tr> <tr><td>O</td><td>0.84469500</td><td>1.45785700</td><td>1.58669800</td></tr> <tr><td>O</td><td>1.41522500</td><td>2.41603100</td><td>-0.41551900</td></tr> <tr><td>C</td><td>1.90055500</td><td>-0.77098400</td><td>-0.55810100</td></tr> <tr><td>O</td><td>2.75628400</td><td>-0.58611300</td><td>-1.43261900</td></tr> <tr><td>C</td><td>2.25764800</td><td>-1.62002400</td><td>0.64169300</td></tr> <tr><td>H</td><td>1.72154200</td><td>-2.56963600</td><td>0.59632500</td></tr> <tr><td>H</td><td>3.33020800</td><td>-1.80842300</td><td>0.63638300</td></tr> <tr><td>H</td><td>1.95808900</td><td>-1.13707600</td><td>1.57073600</td></tr> <tr><td>C</td><td>-4.03182900</td><td>0.30475100</td><td>-0.57223400</td></tr> <tr><td>H</td><td>-4.06828600</td><td>-0.01066100</td><td>-1.61592500</td></tr> <tr><td>H</td><td>-4.99192200</td><td>0.07185100</td><td>-0.10972500</td></tr> <tr><td>H</td><td>-3.88886600</td><td>1.38573300</td><td>-0.54039800</td></tr> </tbody> </table>	C	-0.56174000	-0.61757500	0.06384700	O	-0.62105400	-1.35306400	1.03434800	C	0.60468600	-0.15715300	-0.64600200	H	0.39785000	0.31662700	-1.59645200	O	-1.69198500	-0.07794500	-0.46835300	C	-2.92483900	-0.40753400	0.16818100	H	-3.06839100	-1.49005200	0.14604000	H	-2.88752000	-0.09901200	1.21513000	C	1.06751500	1.68293900	0.44618900	O	0.84469500	1.45785700	1.58669800	O	1.41522500	2.41603100	-0.41551900	C	1.90055500	-0.77098400	-0.55810100	O	2.75628400	-0.58611300	-1.43261900	C	2.25764800	-1.62002400	0.64169300	H	1.72154200	-2.56963600	0.59632500	H	3.33020800	-1.80842300	0.63638300	H	1.95808900	-1.13707600	1.57073600	C	-4.03182900	0.30475100	-0.57223400	H	-4.06828600	-0.01066100	-1.61592500	H	-4.99192200	0.07185100	-0.10972500	H	-3.88886600	1.38573300	-0.54039800																																																																																																																																				
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	<p>-11</p> <table border="1"> <tbody> <tr><td>C</td><td>-0.16473200</td><td>1.07302800</td><td>-0.00002200</td></tr> <tr><td>O</td><td>-0.74452200</td><td>2.16232200</td><td>-0.00007800</td></tr> <tr><td>O</td><td>-0.90187100</td><td>-0.07522800</td><td>0.00003900</td></tr> <tr><td>C</td><td>-2.31663600</td><td>0.06241100</td><td>-0.00015000</td></tr> <tr><td>H</td><td>-2.63419000</td><td>0.62504000</td><td>0.88094000</td></tr> <tr><td>H</td><td>-2.63392700</td><td>0.62536100</td><td>-0.88112400</td></tr> <tr><td>C</td><td>2.03538400</td><td>-0.26006400</td><td>0.00024500</td></tr> <tr><td>O</td><td>3.28747600</td><td>-0.20132200</td><td>0.00009100</td></tr> <tr><td>C</td><td>1.41259400</td><td>-1.64876400</td><td>0.00035800</td></tr> <tr><td>H</td><td>0.77786600</td><td>-1.79796600</td><td>-0.87360000</td></tr> <tr><td>H</td><td>2.21276600</td><td>-2.38772000</td><td>0.00049300</td></tr> <tr><td>H</td><td>0.77773300</td><td>-1.79778500</td><td>0.87424600</td></tr> <tr><td>C</td><td>-2.91252000</td><td>-1.32653500</td><td>-0.00048300</td></tr> <tr><td>H</td><td>-2.60197600</td><td>-1.88349900</td><td>0.88489900</td></tr> <tr><td>H</td><td>-4.00166600</td><td>-1.26133100</td><td>-0.00059600</td></tr> <tr><td>H</td><td>-2.60176900</td><td>-1.88315700</td><td>-0.88600800</td></tr> </tbody> </table>	C	-0.16473200	1.07302800	-0.00002200	O	-0.74452200	2.16232200	-0.00007800	O	-0.90187100	-0.07522800	0.00003900	C	-2.31663600	0.06241100	-0.00015000	H	-2.63419000	0.62504000	0.88094000	H	-2.63392700	0.62536100	-0.88112400	C	2.03538400	-0.26006400	0.00024500	O	3.28747600	-0.20132200	0.00009100	C	1.41259400	-1.64876400	0.00035800	H	0.77786600	-1.79796600	-0.87360000	H	2.21276600	-2.38772000	0.00049300	H	0.77773300	-1.79778500	0.87424600	C	-2.91252000	-1.32653500	-0.00048300	H	-2.60197600	-1.88349900	0.88489900	H	-4.00166600	-1.26133100	-0.00059600	H	-2.60176900	-1.88315700	-0.88600800																																																																																																																																																																																																																																																																																																																						
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	<p>-1 1 C -0.25265300 0.33182800 -0.00022300 O -0.33848900 1.55447800 -0.00003100 O -1.40373500 -0.42570600 -0.00019800 C -2.63592900 0.28155200 0.00006500 H -2.69371800 0.92627600 0.88082900 H -2.69406300 0.92634400 -0.88062900 C 2.23733800 -0.06290600 -0.00002200 O 2.65097100 1.11570500 0.00019700 C 3.30111700 -1.15787100 0.00016800 H 3.93810600 -1.03634300 -0.87903400 H 3.93729000 -1.03683800 0.88003100 H 2.88770500 -2.16651400 -0.00027800 C -3.75551400 -0.73383900 0.00023800 H -3.70551700 -1.36935500 0.88576700 H -4.71890600 -0.22155300 0.00049400 H -3.70557400 -1.36922000 -0.88541100 O 0.90059300 -0.49945900 -0.00042300 H 0.71464300 -1.56444300 -0.00044500</p>	<p>-1 1 C -0.59422800 0.46069000 0.26898400 O -0.65798400 1.14146900 1.26202700 O -1.66402300 -0.03674500 -0.34970600 C -2.94642500 0.24489300 0.23509700 H -2.95507200 -0.13470000 1.25778400 H -3.08424600 1.32635600 0.27251000 C 1.14441500 -1.30840100 0.11648200 O 0.72508700 -1.76888500 1.15428000 C 2.13242500 -2.04337000 -0.74381800 H 2.89530600 -1.36462900 -1.12292900 H 2.59025500 -2.85756000 -0.18646900 H 1.59614000 -2.45373200 -1.60408600 C -3.99707800 -0.42199700 -0.61670300 H -3.84608400 -1.50152100 -0.64767100 H -4.98320700 -0.22500000 -0.19497700 H -3.97591200 -0.03509400 -1.63601400 O 0.68029800 0.03441900 -0.41803800 H 0.48512500 -0.06790200 -1.48640600 C 1.79451700 1.12672000 -0.23570900 O 1.62022100 2.16656000 -0.89261000 O 2.72596700 0.84210800 0.53913600</p>	<p>-1 1 C -0.61037900 -0.64149900 0.18989800 O -0.74599800 -1.28639200 1.21247000 O -1.69578500 -0.13603600 -0.46185800 C -2.97045200 -0.37874500 0.12927800 H -3.14824800 -1.45509100 0.18423100 H -2.97781300 0.01049700 1.14959600 C 1.87652300 -0.89597600 -0.27123500 O 2.18951900 -1.58237800 0.70306000 C 2.91045300 -0.65870600 -1.36142000 H 2.78798200 0.31327800 -1.83971100 H 3.91355400 -0.74516500 -0.94560000 H 2.79134400 -1.42563700 -2.13144900 C -4.01414700 0.30347300 -0.72293300 H -4.00811600 -0.09291000 -1.73924800 H -5.00363500 0.13585100 -0.29538900 H -3.83757000 1.37904500 -0.76784400 O 0.60678400 -0.26046800 -0.48853000 H 0.45096800 0.14416100 -1.47859900 C 1.05878400 1.66744500 0.43172700 O 1.01913000 1.49012900 1.60068500 O 1.21890300 2.38003100 -0.50144200</p>
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	<p>-1 1 C -0.24680200 1.00086500 -0.00004200 O -0.79757900 2.10424200 -0.00014000 O -1.00345400 -0.12755200 -0.00002800 C -2.41580200 0.04844500 -0.00004200 H -2.71733800 0.62051700 0.88056700 H -2.71737600 0.62015700 -0.88087200 C 1.90090400 -0.39321600 -0.00006100 O 1.46575800 -1.56406300 -0.00040400 C 3.42055200 -0.23669600 0.00025100 H 3.82977000 -0.73944100 0.87965500 H 3.83016300 -0.73898200 -0.87923100 H 3.75354700 0.80115000 0.00057800 C -3.05035800 -1.32304000 0.00023300 H -2.75565200 -1.88824400 0.88564100 H -4.13721800 -1.22686700 0.00024200 H -2.75570000 -1.88856600 -0.88498600 C 1.16345300 0.80480700 0.00011900 H 1.72031400 1.73226700 0.00022900</p>		
24 C ₁			
	<p>-1 1 C -1.25314500 -0.11205300 -0.00482900 O -1.52852700 -1.30929000 -0.01691900 O -2.28076200 0.81187600 0.00440500 C -3.59389300 0.28751300 0.00478500 H -4.26135000 1.14759100 0.01148200 H -3.78703500 -0.31621800 -0.88423500 H -3.78210100 -0.32559800 0.88852100 C 1.25314700 -0.11205400 0.00479100 O 1.52853100 -1.30928600 0.01692100 O 2.28076000 0.81187900 -0.00435900 C 3.59389200 0.28751200 -0.00474200 H 4.26134600 1.14758400 -0.01236700 H 3.78731700 -0.31544200 0.88476000 H 3.78181000 -0.32637100 -0.88798500 C -0.00000100 0.53738800 -0.00008600 H 0.00000500 1.61718600 -0.00007300</p>	<p>-1 1 C 1.36026300 -0.08445000 0.12463900 O 1.81161600 0.29943600 1.17224300 O 2.00110900 -0.92527000 -0.68728000 C 3.28301700 -1.38012100 -0.24782400 H 3.64270200 -2.04671700 -1.02599000 H 3.96346000 -0.53819200 -0.12628300 H 3.19343500 -1.91444700 0.69724300 C -1.06107500 -0.60776100 0.11337000 O -0.99839900 -1.22223900 1.14896600 O -2.11249700 -0.64368900 -0.70144500 C -3.23546300 -1.40531200 -0.25618400 H -3.98525800 -1.30969400 -1.03594700 H -2.95998700 -2.45094800 -0.12332300 H -3.61538100 -1.00689600 0.68403400 O 0.01039200 0.29955200 -0.43699700 H 0.03355100 0.19380500 -1.51994700 C -0.29593300 1.81074100 -0.11024500 O -1.22314600 2.03428900 0.68492000 O 0.44135200 2.61712200 -0.70119700</p>	<p>-1 1 C 1.25169800 -0.63467900 0.05491500 O 1.47781800 -1.13239900 1.14455400 O 2.26957200 -0.40394100 -0.82468600 C 3.57376400 -0.73609200 -0.37598800 H 4.24525700 -0.47687800 -1.19143000 H 3.84057900 -0.16906400 0.51710000 H 3.65597200 -1.80113400 -0.15496700 C -1.26460200 -0.64226400 -0.00477300 O -1.52316300 -1.22297300 1.03322900 O -2.25963900 -0.31024300 -0.87828300 C -3.57858800 -0.65336300 -0.48353100 H -4.23023300 -0.30166900 -1.28014500 H -3.68845200 -1.73237600 -0.36646100 H -3.84761600 -0.16764300 0.45559500 O 0.00401300 -0.16961100 -0.48808200 H 0.02605300 0.09685000 -1.53377500 O 0.01467300 1.89647500 0.27509200 O -0.35108300 1.82496800 1.39689300 O 0.38557900 2.51822700 -0.66067100</p>

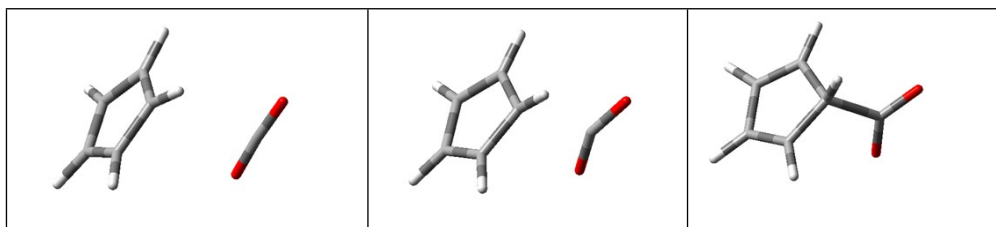
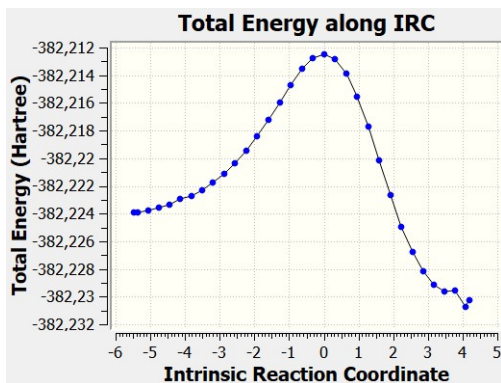
	<p>H 2.88255000 1.91100200 0.43403000 H 1.68140000 2.11900600 -0.84578500 H 1.18560600 2.10094800 0.85702800 N 1.74134900 0.21709400 0.10506100 C 2.96736600 -0.50695300 -0.13631500 H 3.70068300 -0.29473100 0.64687300 H 2.75370400 -1.57105600 -0.14200000 H 3.41358300 -0.23045300 -1.09995500 C -0.65747100 0.37975800 -0.05031500 H -0.52314900 1.44355700 -0.16590700</p>	<p>H 1.27700700 1.27542400 -1.54235200 H 2.57839000 1.69863100 -0.42837300 H 2.89991900 0.64329300 -1.81686600 N 1.88316500 -0.27386300 -0.24741100 C 3.04773800 -0.90360200 0.34283500 H 3.44677100 -0.30006100 1.16396700 H 2.78059800 -1.88372200 0.72503100 H 3.82164600 -1.00828400 -0.41812000 C -0.54298200 0.10572200 -0.39210600 H -0.45598600 0.16367000 -1.47879000 C -0.67728100 1.55553800 0.17178300 O -1.30775200 2.34909300 -0.55273400 O -0.14952700 1.77682600 1.27762600</p>	<p>H -1.22893100 1.75774700 1.15480500 H -2.96327000 1.51592000 1.30204100 H -1.86514300 0.58474600 2.32491200 N -1.99522400 -0.00558900 0.28793300 C -3.29528700 -0.47973000 -0.13051400 H -3.90051900 0.34944700 -0.50559600 H -3.16825900 -1.21288500 -0.92043100 H -3.83457600 -0.94575800 0.70198500 C 0.39862700 -0.23683000 0.46749700 H 0.32092300 0.33990700 1.37569400 C 0.96294400 1.51638300 -0.79447700 O 1.26035500 2.33259900 0.00886700 O 0.80110500 1.15806700 -1.90738700</p>
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	<p>-11 C 0.61946400 0.87074600 -0.04398400 O 1.29322300 1.89682200 0.17590500 C -1.84663500 0.09610000 0.02336500 O -3.04827200 0.34640300 -0.26465100 C -1.61709300 -1.16559100 0.84419500 H -0.62592500 -1.22606700 1.28931400 H -2.37152900 -1.19386400 1.63174700 H -1.76909800 -2.04739300 0.21652700 C 0.91273800 -1.45031900 -0.89293400 H 1.68725300 -1.59110600 -1.65658100 H 0.81424700 -2.38610300 -0.33565900 H -0.02873200 -1.24194700 -1.39186800 N 1.27033500 -0.35178300 -0.02199500 C 2.64414000 -0.38332000 0.42538000 H 3.34834100 -0.12242400 -0.37489800 H 2.78740100 0.31635900 1.24454700 H 2.88049100 -1.39189600 0.77070900 C -0.79263000 0.94734800 -0.32399900 H -1.09429500 1.91134200 -0.72205100</p>		
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	<p>-11 C 0.65003500 0.83721000 0.06898800 O 1.25922700 1.91830400 -0.06616300 C -1.73159900 -0.10342600 -0.13638600 O -1.53153300 -1.18128100 -0.75247100 C -3.19077300 0.25130700 0.13929800 H -3.73220500 0.31565100 -0.80777200 H -3.64931500 -0.55395700 0.71851900 H -3.31607600 1.18911600 0.68113400 C 0.99920100 -1.54082700 0.68460300 H 1.04129700 -2.40887100 0.02261500 H 1.69393800 -1.71145100 1.51717500 H -0.00880900 -1.45866400 1.07205300 N 1.36778400 -0.33336300 -0.01940800 C 2.76847100 -0.25512800 -0.36550000 H 3.08407400 -1.21621400 -0.77627700 H 2.93052300 0.52064600 -1.10917600 H 3.40000600 -0.03243300 0.50421700 C -0.77714700 0.81592300 0.30647400 H -1.14860100 1.76318000 0.67758100</p>		
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	<p>-11 C -0.74038700 0.40934800 0.04932400 O -1.08051000 1.61240400 0.12660200 C -3.02340800 -0.43612200 -0.05594800 N -4.17484600 -0.25226200 -0.05849400 C 1.61902100 1.13971600 0.05373400 C 1.15909700 -1.23391500 -0.00100900 C 2.88472600 0.38585500 -0.34505500 H 1.72793300 1.59685200 1.04457900 H 1.36066400 1.93538700 -0.64506300 C 2.65137200 -1.00892900 0.23185100 H 0.97702800 -1.69538200 -0.97986500 H 0.72036800 -1.88588400 0.75784600 H 2.95678800 0.33146400 -1.43389900 H 3.78999300 0.86118600 0.03049900 H 3.26499300 -1.77927000 -0.23336700 H 2.86296400 -1.00896300 1.30359600 N 0.59736800 0.10488900 0.06148800 C -1.65735200 -0.67634800 -0.05414300 H -1.33271300 -1.70063300 -0.15061900</p>	<p>-11 C -0.11170700 -0.75561800 -0.29037500 O -0.32849300 -1.62594300 -1.12852200 C -2.34994600 -1.02003300 0.64488500 N -3.20806400 -1.76303700 0.81842500 C 2.28920500 -0.91528300 -0.64628700 C 1.47835100 0.74533500 0.93181300 C 3.46287100 -0.32582100 0.12707600 H 2.30091300 -0.60520400 -1.69528100 H 2.25437800 -2.00358300 -0.61901000 C 2.93314100 1.03507900 0.57407400 H 1.38640100 0.42387400 1.97334400 H 0.83423800 1.60670100 0.76503800 H 3.68612500 -0.94663800 0.99723800 H 4.36290000 -0.25757200 -0.48117100 H 3.48325200 1.45980500 1.41175400 H 2.97428800 1.74340500 -0.25580100 N 1.12157200 -0.35030900 0.02690900 C -1.26546300 -0.07639300 0.43849000 H -0.95851600 0.27854900 1.42448900 C -1.77951300 1.22706800 -0.33274800 O -2.92697100 1.58466000 -0.04073700 O -0.95205700 1.74229300 -1.09567900</p>	<p>-11 C 0.09592200 -0.93604500 0.14071600 O 0.24519000 -1.82232700 0.99853500 C 2.40294900 -1.09242400 -0.62101500 N 3.42549100 -1.63938500 -0.61277700 C -2.29940900 -0.85734600 0.67058900 C -1.44577800 0.69044800 -0.98541400 C -3.46576000 -0.20444800 -0.06374300 H -2.24377300 -0.51838300 1.71099200 H -2.35534500 -1.94545600 0.68147900 C -2.86050700 1.09874900 -0.58149700 H -1.41224300 0.35805200 -2.02882400 H -0.73551700 1.51060700 -0.87095200 H -3.77598900 -0.83238800 -0.90201600 H -4.32893400 -0.05061100 0.58198600 H -3.41646500 1.53629600 -1.40924200 H -2.81586900 1.83476000 0.22418300 N -1.13474600 -0.40731900 -0.07903400 C 1.19561600 -0.37560000 -0.62373800 H 0.98093600 0.13210700 -1.55515100 C 1.78519300 1.51683200 0.49304700 O 2.67610300 1.91816700 -0.16633900 O 1.03103500 1.56177900 1.39737300</p>

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</table>	C	3.96729700	1.69394500	-0.08322800	C	2.72478400	1.09441500	-0.04667200	C	2.56060600	-0.33872500	0.00587900	C	3.80846700	-1.06286800	0.01379700	C	5.03340900	-0.44179200	-0.02383000	C	5.15455900	0.95677500	-0.07309400	H	4.01671000	2.77927900	-0.12082700	H	1.84528300	1.72815100	-0.05619500	H	3.76649000	-2.14833300	0.05194900	H	5.93032100	-1.05535800	-0.01462700	H	6.12247000	1.44048900	-0.10180200	C	0.03625100	-0.37521300	0.04746500	C	0.01008100	0.70667700	-0.00533700	C	-1.17541000	-1.03635700	0.08250400	O	-3.70785000	-2.33229900	0.11500300	C	-2.43464000	-0.23148300	0.03905100	C	-3.65276900	-0.90236200	-0.15815000	C	-2.51548200	1.16594700	0.19571000	H	-4.86467400	-0.22811500	-0.21869400	C	-3.61652300	-1.97845600	-0.26384900	C	-3.72210100	1.83895500	0.13712600	H	-1.61721500	1.74061200	0.38294400	C	-4.91563100	1.15069600	-0.07499000	H	-5.77987800	-0.78818600	-0.37887100	H	-3.73615800	2.91562200	0.26640300	H	-5.85953300	1.68012600	-0.11686000	C	1.33251000	-0.99703800	0.04783800	H	1.35769200	-2.08289900	0.09277200	<p>-2 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O	-3.70785000	-2.33229900	0.11500300																																																																																																																																																																																																																																																																																																																																																																							
C	-2.43464000	-0.23148300	0.03905100																																																																																																																																																																																																																																																																																																																																																																							
C	-3.65276900	-0.90236200	-0.15815000																																																																																																																																																																																																																																																																																																																																																																							
C	-2.51548200	1.16594700	0.19571000																																																																																																																																																																																																																																																																																																																																																																							
H	-4.86467400	-0.22811500	-0.21869400																																																																																																																																																																																																																																																																																																																																																																							
C	-3.61652300	-1.97845600	-0.26384900																																																																																																																																																																																																																																																																																																																																																																							
C	-3.72210100	1.83895500	0.13712600																																																																																																																																																																																																																																																																																																																																																																							
H	-1.61721500	1.74061200	0.38294400																																																																																																																																																																																																																																																																																																																																																																							
C	-4.91563100	1.15069600	-0.07499000																																																																																																																																																																																																																																																																																																																																																																							
H	-5.77987800	-0.78818600	-0.37887100																																																																																																																																																																																																																																																																																																																																																																							
H	-3.73615800	2.91562200	0.26640300																																																																																																																																																																																																																																																																																																																																																																							
H	-5.85953300	1.68012600	-0.11686000																																																																																																																																																																																																																																																																																																																																																																							
C	1.33251000	-0.99703800	0.04783800																																																																																																																																																																																																																																																																																																																																																																							
H	1.35769200	-2.08289900	0.09277200																																																																																																																																																																																																																																																																																																																																																																							
C	3.58918000	-1.80841800	1.00510300																																																																																																																																																																																																																																																																																																																																																																							
C	2.54957100	-0.89266300	0.96035500																																																																																																																																																																																																																																																																																																																																																																							
C	2.27542700	-0.16727700	-0.20058000																																																																																																																																																																																																																																																																																																																																																																							
C	3.08270400	-0.39272100	-1.31330100																																																																																																																																																																																																																																																																																																																																																																							
C	4.12546000	-1.31026900	-1.27519600																																																																																																																																																																																																																																																																																																																																																																							
C	4.38375300	-2.02376000	-0.11446600																																																																																																																																																																																																																																																																																																																																																																							
C	3.78257000	-2.35787100	1.91894600																																																																																																																																																																																																																																																																																																																																																																							
H	1.94103600	-0.72174500	1.83965400																																																																																																																																																																																																																																																																																																																																																																							
H	2.88883000	0.15847600	-2.22669700																																																																																																																																																																																																																																																																																																																																																																							
H	4.73617800	-1.46723100	-2.15642900																																																																																																																																																																																																																																																																																																																																																																							
H	5.19532000	-2.74011300	-0.08024500																																																																																																																																																																																																																																																																																																																																																																							
C	-0.19219000	0.18915000	-0.00489900																																																																																																																																																																																																																																																																																																																																																																							
H	-0.23895400	-0.62279200	0.70933500																																																																																																																																																																																																																																																																																																																																																																							
C	-1.33801000	0.64517800	-0.59768100																																																																																																																																																																																																																																																																																																																																																																							
O	-1.42702700	1.65022900	-1.39394000																																																																																																																																																																																																																																																																																																																																																																							
C	-2.63643000	-0.06291400	-0.26317300																																																																																																																																																																																																																																																																																																																																																																							
C	-3.83100700	0.65328400	-0.34175800																																																																																																																																																																																																																																																																																																																																																																							
C	-2.71286800	-1.40637200	0.11179000																																																																																																																																																																																																																																																																																																																																																																							
C	-5.04938000	0.06615800	-0.03140400																																																																																																																																																																																																																																																																																																																																																																							
H	-3.78333200	1.68893800	-0.65346100																																																																																																																																																																																																																																																																																																																																																																							
C	-3.92844700	-2.00125600	0.41691200																																																																																																																																																																																																																																																																																																																																																																							
H	-1.80820000	-2.00060200	1.04982100																																																																																																																																																																																																																																																																																																																																																																							
C	-5.10552400	-1.26668500	0.35239200																																																																																																																																																																																																																																																																																																																																																																							
H	-5.95998800	0.65114300	-0.09011100																																																																																																																																																																																																																																																																																																																																																																							
H	-3.95809900	-3.04742000	0.69844300																																																																																																																																																																																																																																																																																																																																																																							
H	-6.05096000	-1.73052600	0.58993100																																																																																																																																																																																																																																																																																																																																																																							
C	1.14186000	0.83405400	-0.24928200																																																																																																																																																																																																																																																																																																																																																																							
H	1.13115400	1.26728600	-1.25048300																																																																																																																																																																																																																																																																																																																																																																							
C	1.49993800	2.02144900	0.70584700																																																																																																																																																																																																																																																																																																																																																																							
O	1.15317300	1.94548900	1.90526600																																																																																																																																																																																																																																																																																																																																																																							
O	2.14940100	2.96188400	0.18709100																																																																																																																																																																																																																																																																																																																																																																							
C	3.53528600	-2.15220800	0.63773000																																																																																																																																																																																																																																																																																																																																																																							
C	2.33205500	-1.53260400	0.35933700																																																																																																																																																																																																																																																																																																																																																																							
C	2.24806000	-0.36005100	-0.46700800																																																																																																																																																																																																																																																																																																																																																																							
C	3.51333600	0.08547500	-0.98260300																																																																																																																																																																																																																																																																																																																																																																							
C	4.69977400	-0.54513200	-0.69020400																																																																																																																																																																																																																																																																																																																																																																							
C	4.74730300	-1.68144400	0.13099000																																																																																																																																																																																																																																																																																																																																																																							
H	3.53081300	-3.03335900	1.27367600																																																																																																																																																																																																																																																																																																																																																																							
H	1.42661300	-1.93971100	0.79427000																																																																																																																																																																																																																																																																																																																																																																							
H	3.52133500	0.96108800	-1.62461300																																																																																																																																																																																																																																																																																																																																																																							
H	5.62014400	-0.15161500	-1.11254800																																																																																																																																																																																																																																																																																																																																																																							
H	5.68333500	-2.17760100	0.35350500																																																																																																																																																																																																																																																																																																																																																																							
C	-0.27067900	-0.14706500	-0.44940300																																																																																																																																																																																																																																																																																																																																																																							
H	-0.36547400	-1.13113300	0.03271200																																																																																																																																																																																																																																																																																																																																																																							
C	-1.42678400	0.56386000	-0.69157900																																																																																																																																																																																																																																																																																																																																																																							
O	-1.46242600	1.76134800	-1.19619300																																																																																																																																																																																																																																																																																																																																																																							
C	-2.73959900	-0.04606200	-0.30713600																																																																																																																																																																																																																																																																																																																																																																							
C	-3.87087700	0.78009300	-0.23964700																																																																																																																																																																																																																																																																																																																																																																							
C	-2.94157400	-1.40699300	-0.01747900																																																																																																																																																																																																																																																																																																																																																																							
C	-5.11820900	0.28981700	0.12075500																																																																																																																																																																																																																																																																																																																																																																							
H	-3.73864300	1.82726800	-0.47749100																																																																																																																																																																																																																																																																																																																																																																							
C	-4.18427000	-1.89860700	0.34223100																																																																																																																																																																																																																																																																																																																																																																							
H	-2.11378100	-2.10079400	-0.09395900																																																																																																																																																																																																																																																																																																																																																																							
C	-5.28929900	-1.05448700	0.41916900																																																																																																																																																																																																																																																																																																																																																																							
H	-5.96559800	0.96524500	0.16764400																																																																																																																																																																																																																																																																																																																																																																							
H	-4.29706400	-2.95600900	0.55441300																																																																																																																																																																																																																																																																																																																																																																							
H	-6.26230600	-1.44238300	0.69460700																																																																																																																																																																																																																																																																																																																																																																							
C	1.05567300	0.31877700	-0.75743300																																																																																																																																																																																																																																																																																																																																																																							
H	1.12709800	1.17345800	-1.42190300																																																																																																																																																																																																																																																																																																																																																																							
C	1.60372700	2.12739100	1.10068800																																																																																																																																																																																																																																																																																																																																																																							
O	1.03031000	1.64322100	1.99266100																																																																																																																																																																																																																																																																																																																																																																							
O	2.24086700	2.83830100	0.42968800																																																																																																																																																																																																																																																																																																																																																																							
<p>28</p> 																																																																																																																																																																																																																																																																																																																																																																										
<p>-2 1</p> <table border="1"> <tbody> <tr><td>C</td><td>3.58026700</td><td>0.48491300</td><td>0.09211000</td></tr> <tr><td>C</td><td>2.19486300</td><td>0.48843800</td><td>0.00012000</td></tr> <tr><td>C</td><td>1.53193300</td><td>-0.74918500</td><td>-0.05739700</td></tr> <tr><td>C</td><td>2.25496700</td><td>-1.93779200</td><td>-0.02198700</td></tr> <tr><td>C</td><td>3.64466400</td><td>-1.91133100</td><td>0.06942800</td></tr> <tr><td>C</td><td>4.31309700</td><td>-0.70124000</td><td>0.12897100</td></tr> <tr><td>H</td><td>4.07666300</td><td>1.44669900</td><td>0.13107400</td></tr> <tr><td>H</td><td>1.71776900</td><td>-2.87746300</td><td>-0.06944400</td></tr> <tr><td>H</td><td>4.19477200</td><td>-2.84461200</td><td>0.09556200</td></tr> <tr><td>H</td><td>5.39361300</td><td>-0.67407100</td><td>0.20103000</td></tr> <tr><td>C</td><td>1.40817500</td><td>1.75510200</td><td>-0.04747600</td></tr> <tr><td>O</td><td>2.04195400</td><td>2.87793000</td><td>-0.05355500</td></tr> <tr><td>O</td><td>0.19712700</td><td>-0.85287000</td><td>-0.16591600</td></tr> <tr><td>C</td><td>-1.97213200</td><td>0.04599700</td><td>-0.01594500</td></tr> <tr><td>C</td><td>-2.53501100</td><td>-1.29901900</td><td>-0.05245300</td></tr> <tr><td>C</td><td>-2.97541600</td><td>1.10145400</td><td>0.07647200</td></tr> <tr><td>C</td><td>-3.88971000</td><td>-1.52245300</td><td>-0.01080100</td></tr> <tr><td>H</td><td>-1.86194100</td><td>-2.14480200</td><td>-0.11482000</td></tr> <tr><td>C</td><td>-4.31911000</td><td>0.82777200</td><td>0.11484500</td></tr> <tr><td>H</td><td>-2.65468300</td><td>2.13579500</td><td>0.12126500</td></tr> <tr><td>H</td><td>-4.83217200</td><td>-0.48243700</td><td>0.07202200</td></tr> <tr><td>H</td><td>-4.23971200</td><td>-2.55192600</td><td>-0.04255100</td></tr> <tr><td>H</td><td>-5.00980900</td><td>1.66506600</td><td>0.18430800</td></tr> <tr><td>H</td><td>-5.89594300</td><td>-0.67841000</td><td>0.10524700</td></tr> <tr><td>C</td><td>0.04733500</td><td>1.57596900</td><td>-0.07373100</td></tr> <tr><td>H</td><td>-0.57585800</td><td>2.46333400</td><td>-0.09077000</td></tr> <tr><td>C</td><td>-0.62800200</td><td>0.30046300</td><td>-0.06836800</td></tr> </tbody> </table>	C	3.58026700	0.48491300	0.09211000	C	2.19486300	0.48843800	0.00012000	C	1.53193300	-0.74918500	-0.05739700	C	2.25496700	-1.93779200	-0.02198700	C	3.64466400	-1.91133100	0.06942800	C	4.31309700	-0.70124000	0.12897100	H	4.07666300	1.44669900	0.13107400	H	1.71776900	-2.87746300	-0.06944400	H	4.19477200	-2.84461200	0.09556200	H	5.39361300	-0.67407100	0.20103000	C	1.40817500	1.75510200	-0.04747600	O	2.04195400	2.87793000	-0.05355500	O	0.19712700	-0.85287000	-0.16591600	C	-1.97213200	0.04599700	-0.01594500	C	-2.53501100	-1.29901900	-0.05245300	C	-2.97541600	1.10145400	0.07647200	C	-3.88971000	-1.52245300	-0.01080100	H	-1.86194100	-2.14480200	-0.11482000	C	-4.31911000	0.82777200	0.11484500	H	-2.65468300	2.13579500	0.12126500	H	-4.83217200	-0.48243700	0.07202200	H	-4.23971200	-2.55192600	-0.04255100	H	-5.00980900	1.66506600	0.18430800	H	-5.89594300	-0.67841000	0.10524700	C	0.04733500	1.57596900	-0.07373100	H	-0.57585800	2.46333400	-0.09077000	C	-0.62800200	0.30046300	-0.06836800	<p>-2 1</p> <table border="1"> <tbody> <tr><td>C</td><td>3.60507100</td><td>0.54267100</td><td>-0.48046900</td></tr> <tr><td>C</td><td>2.21807300</td><td>0.46617200</td><td>-0.44080100</td></tr> <tr><td>C</td><td>1.63077500</td><td>-0.77562200</td><td>-0.17683700</td></tr> <tr><td>C</td><td>2.41639900</td><td>-1.90728600</td><td>0.01189300</td></tr> <tr><td>C</td><td>3.79861300</td><td>-1.80484400</td><td>-0.03309300</td></tr> <tr><td>C</td><td>4.40019800</td><td>-0.57520600</td><td>-0.27062400</td></tr> <tr><td>H</td><td>4.04677300</td><td>1.50726500</td><td>-0.69925600</td></tr> <tr><td>H</td><td>1.93095000</td><td>-2.85680000</td><td>0.20072300</td></tr> <tr><td>H</td><td>4.40540600</td><td>-2.68847800</td><td>0.12437000</td></tr> <tr><td>H</td><td>5.47961600</td><td>-0.49237600</td><td>-0.30134000</td></tr> <tr><td>C</td><td>1.34442100</td><td>1.64288300</td><td>-0.75855500</td></tr> <tr><td>O</td><td>1.88914700</td><td>2.68534800</td><td>-1.26454700</td></tr> 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</table>	C	3.60507100	0.54267100	-0.48046900	C	2.21807300	0.46617200	-0.44080100	C	1.63077500	-0.77562200	-0.17683700	C	2.41639900	-1.90728600	0.01189300	C	3.79861300	-1.80484400	-0.03309300	C	4.40019800	-0.57520600	-0.27062400	H	4.04677300	1.50726500	-0.69925600	H	1.93095000	-2.85680000	0.20072300	H	4.40540600	-2.68847800	0.12437000	H	5.47961600	-0.49237600	-0.30134000	C	1.34442100	1.64288300	-0.75855500	O	1.88914700	2.68534800	-1.26454700	O	0.29154400	-0.93188700	-0.16057300	C	-1.92336800	-0.09745700	-0.16468400	C	-2.29025300	-1.33037100	-0.69425400	C	-2.91895500	0.86103200	0.02761700	C	-3.61186900	-1.59526400	-1.03331500	H	-1.53494900	-2.08748400	-0.84818000	C	-4.23680900	0.59708600	-0.30764900	H	-2.65320800	1.81554700	0.46145000	C	-4.59203400	-0.63456500	-0.84345900	H	-3.87269400	-2.56146500	-1.44860800	H	-4.99190200	1.35769600	-0.14908300	H	-5.62174200	-0.84084300	-1.10790000	O	0.01746600	1.44533200	-0.49554200	H	-0.69052100	2.24342200	-0.68120500	C	-0.48390500	0.21615900	0.21754500	C	-0.45594800	0.34291900	1.80112600	O	-0.13078900	-0.67277300	2.44753500	O	-0.80052000	1.44952200	2.26453900	<p>-2 1</p> <table border="1"> <tbody> <tr><td>C</td><td>3.69888000</td><td>0.50395800</td><td>-0.13667000</td></tr> <tr><td>C</td><td>2.32551300</td><td>0.49268000</td><td>-0.34421500</td></tr> <tr><td>C</td><td>1.67855200</td><td>-0.75087700</td><td>-0.42202300</td></tr> <tr><td>C</td><td>2.40149500</td><td>-1.93230500</td><td>-0.29328000</td></tr> <tr><td>C</td><td>3.77656600</td><td>-1.89164200</td><td>-0.08556600</td></tr> <tr><td>C</td><td>4.43081200</td><td>-0.67344700</td><td>-0.00296500</td></tr> <tr><td>H</td><td>4.18627100</td><td>1.47025600</td><td>-0.09274400</td></tr> <tr><td>H</td><td>1.87514000</td><td>-2.87688800</td><td>-0.35950500</td></tr> <tr><td>H</td><td>4.32861500</td><td>-2.81866200</td><td>0.01463000</td></tr> <tr><td>H</td><td>5.50117800</td><td>-0.63625300</td><td>0.15930000</td></tr> <tr><td>C</td><td>1.53933800</td><td>1.75138900</td><td>-0.51277900</td></tr> <tr><td>O</td><td>2.17084300</td><td>2.87246400</td><td>-0.56652000</td></tr> <tr><td>O</td><td>0.35992000</td><td>-0.85985000</td><td>-0.66203900</td></tr> <tr><td>C</td><td>-1.82556700</td><td>0.00326400</td><td>-0.51778400</td></tr> <tr><td>C</td><td>-2.36023500</td><td>-1.33982000</td><td>-0.62213100</td></tr> <tr><td>C</td><td>-2.83318500</td><td>1.04461100</td><td>-0.47841000</td></tr> <tr><td>C</td><td>-3.71351400</td><td>-1.58659900</td><td>-0.60924900</td></tr> <tr><td>H</td><td>-1.67157500</td><td>-2.17154900</td><td>-0.69342500</td></tr> <tr><td>C</td><td>-4.17625100</td><td>0.75541000</td><td>-0.46874300</td></tr> <tr><td>H</td><td>-2.52336100</td><td>2.08128200</td><td>-0.42795700</td></tr> <tr><td>C</td><td>-4.66576600</td><td>-0.55953600</td><td>-0.52028100</td></tr> <tr><td>H</td><td>-4.04968300</td><td>-2.61733600</td><td>-0.67812000</td></tr> <tr><td>H</td><td>-4.88004500</td><td>1.58281100</td><td>-0.42502700</td></tr> <tr><td>H</td><td>-5.72753800</td><td>-0.76934100</td><td>-0.51856600</td></tr> <tr><td>C</td><td>0.18199500</td><td>1.56189600</td><td>-0.58117500</td></tr> <tr><td>H</td><td>-0.45015600</td><td>2.43940300</td><td>-0.65981500</td></tr> <tr><td>C</td><td>-0.47223500</td><td>0.27444300</td><td>-0.48230000</td></tr> <tr><td>C</td><td>-0.76509100</td><td>0.11104600</td><td>2.16378400</td></tr> <tr><td>O</td><td>-0.31878100</td><td>-0.96392600</td><td>2.23160300</td></tr> <tr><td>O</td><td>-1.20156800</td><td>1.16678900</td><td>2.39252400</td></tr> </tbody> 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H	-4.99190200	1.35769600	-0.14908300																																																																																																																																																																																																																																																																																																																																																																							
H	-5.62174200	-0.84084300	-1.10790000																																																																																																																																																																																																																																																																																																																																																																							
O	0.01746600	1.44533200	-0.49554200																																																																																																																																																																																																																																																																																																																																																																							
H	-0.69052100	2.24342200	-0.68120500																																																																																																																																																																																																																																																																																																																																																																							
C	-0.48390500	0.21615900	0.21754500																																																																																																																																																																																																																																																																																																																																																																							
C	-0.45594800	0.34291900	1.80112600																																																																																																																																																																																																																																																																																																																																																																							
O	-0.13078900	-0.67277300	2.44753500																																																																																																																																																																																																																																																																																																																																																																							
O	-0.80052000	1.44952200	2.26453900																																																																																																																																																																																																																																																																																																																																																																							
C	3.69888000	0.50395800	-0.13667000																																																																																																																																																																																																																																																																																																																																																																							
C	2.32551300	0.49268000	-0.34421500																																																																																																																																																																																																																																																																																																																																																																							
C	1.67855200	-0.75087700	-0.42202300																																																																																																																																																																																																																																																																																																																																																																							
C	2.40149500	-1.93230500	-0.29328000																																																																																																																																																																																																																																																																																																																																																																							
C	3.77656600	-1.89164200	-0.08556600																																																																																																																																																																																																																																																																																																																																																																							
C	4.43081200	-0.67344700	-0.00296500																																																																																																																																																																																																																																																																																																																																																																							
H	4.18627100	1.47025600	-0.09274400																																																																																																																																																																																																																																																																																																																																																																							
H	1.87514000	-2.87688800	-0.35950500																																																																																																																																																																																																																																																																																																																																																																							
H	4.32861500	-2.81866200	0.01463000																																																																																																																																																																																																																																																																																																																																																																							
H	5.50117800	-0.63625300	0.15930000																																																																																																																																																																																																																																																																																																																																																																							
C	1.53933800	1.75138900	-0.51277900																																																																																																																																																																																																																																																																																																																																																																							
O	2.17084300	2.87246400	-0.56652000																																																																																																																																																																																																																																																																																																																																																																							
O	0.35992000	-0.85985000	-0.66203900																																																																																																																																																																																																																																																																																																																																																																							
C	-1.82556700	0.00326400	-0.51778400																																																																																																																																																																																																																																																																																																																																																																							
C	-2.36023500	-1.33982000	-0.62213100																																																																																																																																																																																																																																																																																																																																																																							
C	-2.83318500	1.04461100	-0.47841000																																																																																																																																																																																																																																																																																																																																																																							
C	-3.71351400	-1.58659900	-0.60924900																																																																																																																																																																																																																																																																																																																																																																							
H	-1.67157500	-2.17154900	-0.69342500																																																																																																																																																																																																																																																																																																																																																																							
C	-4.17625100	0.75541000	-0.46874300																																																																																																																																																																																																																																																																																																																																																																							
H	-2.52336100	2.08128200	-0.42795700																																																																																																																																																																																																																																																																																																																																																																							
C	-4.66576600	-0.55953600	-0.52028100																																																																																																																																																																																																																																																																																																																																																																							
H	-4.04968300	-2.61733600	-0.67812000																																																																																																																																																																																																																																																																																																																																																																							
H	-4.88004500	1.58281100	-0.42502700																																																																																																																																																																																																																																																																																																																																																																							
H	-5.72753800	-0.76934100	-0.51856600																																																																																																																																																																																																																																																																																																																																																																							
C	0.18199500	1.56189600	-0.58117500																																																																																																																																																																																																																																																																																																																																																																							
H	-0.45015600	2.43940300	-0.65981500																																																																																																																																																																																																																																																																																																																																																																							
C	-0.47223500	0.27444300	-0.48230000																																																																																																																																																																																																																																																																																																																																																																							
C	-0.76509100	0.11104600	2.16378400																																																																																																																																																																																																																																																																																																																																																																							
O	-0.31878100	-0.96392600	2.23160300																																																																																																																																																																																																																																																																																																																																																																							
O	-1.20156800	1.16678900	2.39252400																																																																																																																																																																																																																																																																																																																																																																							

O. INTRINSIC REACTION COORDINATE (IRC) ANALYSIS

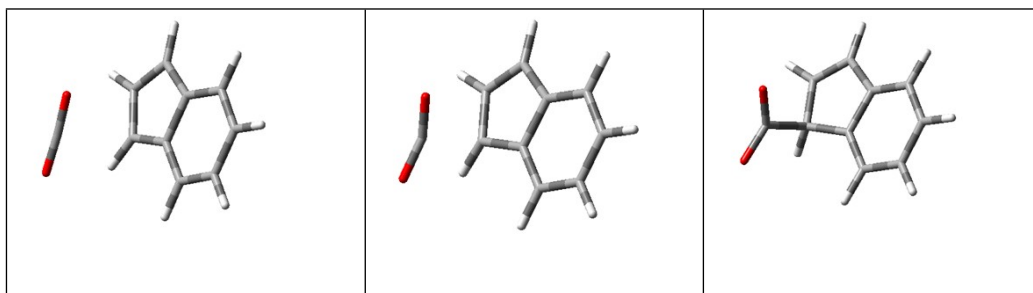
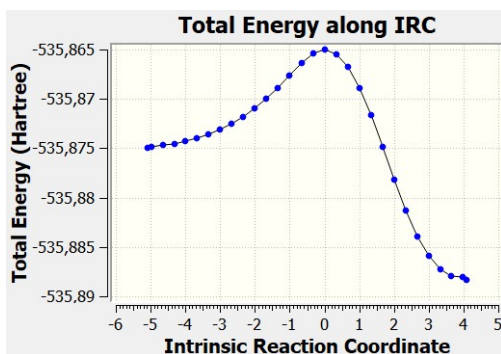
R_1^-

TS imaginary frequency = 410.22 cm^{-1}



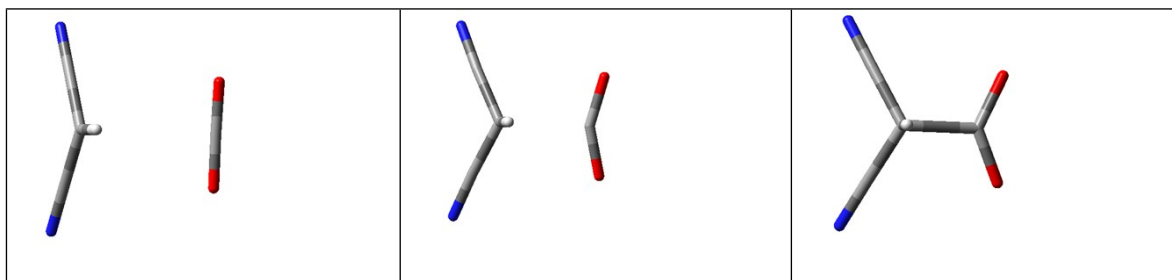
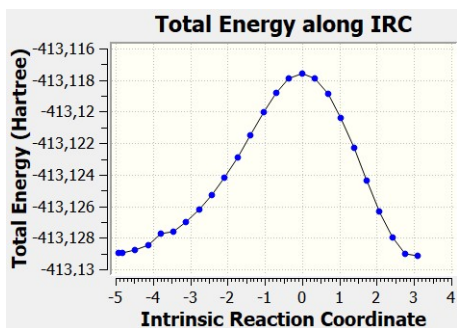
R_2^-

TS imaginary frequency = 438.50 cm^{-1}



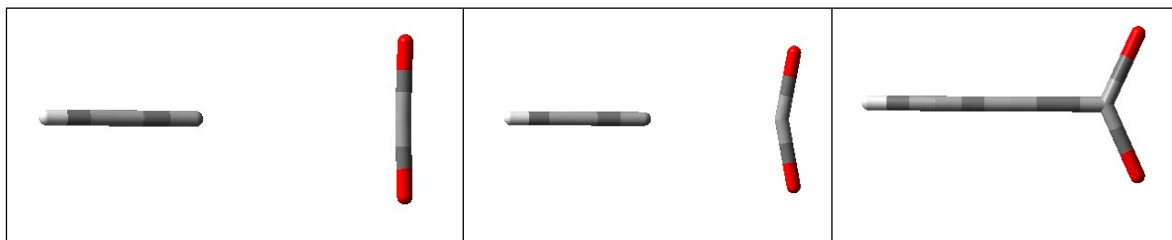
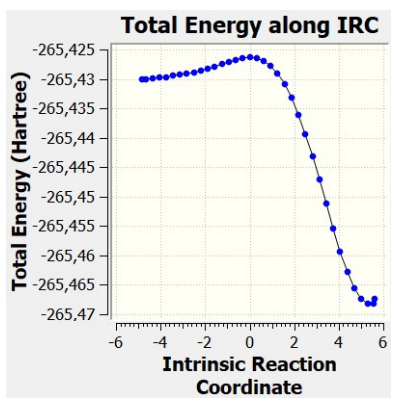
R_3^-

TS imaginary frequency = 384.07 cm^{-1}



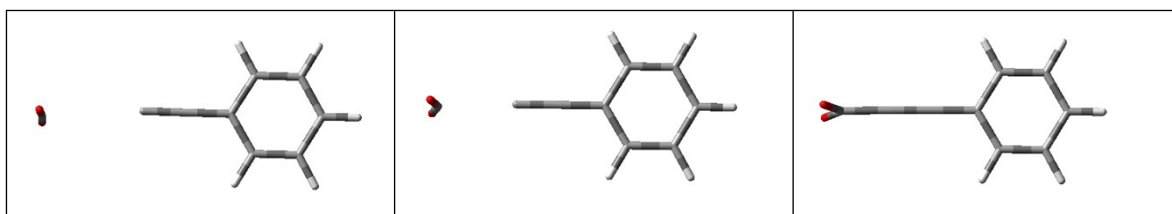
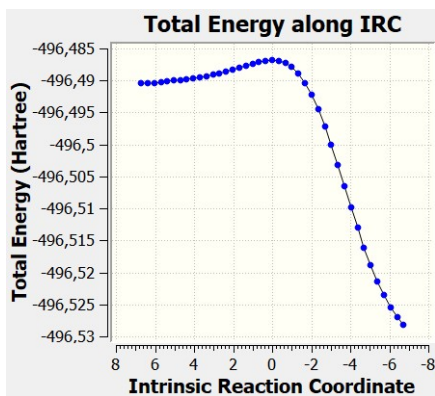
R_4^-

TS imaginary frequency = 247.35 cm^{-1}



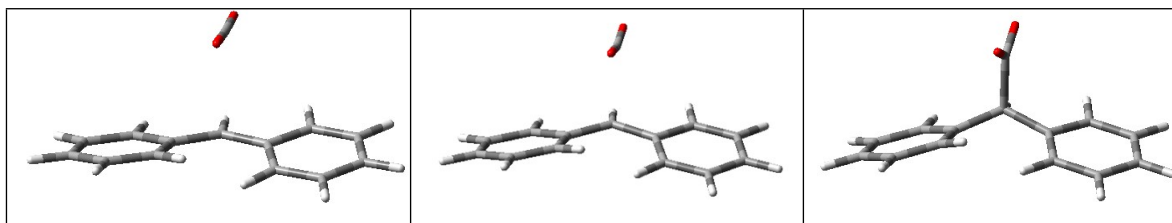
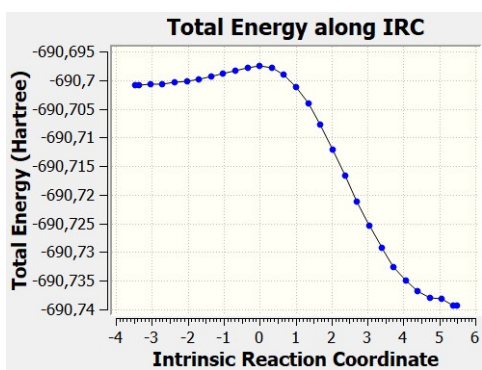
R₅⁻

TS imaginary frequency = 197.77 cm⁻¹



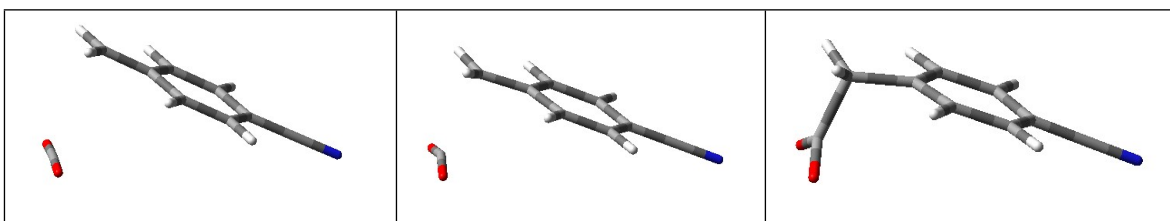
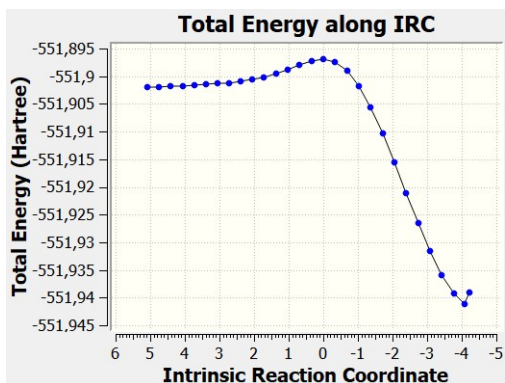
R₆⁻

TS imaginary frequency = 362.00 cm⁻¹



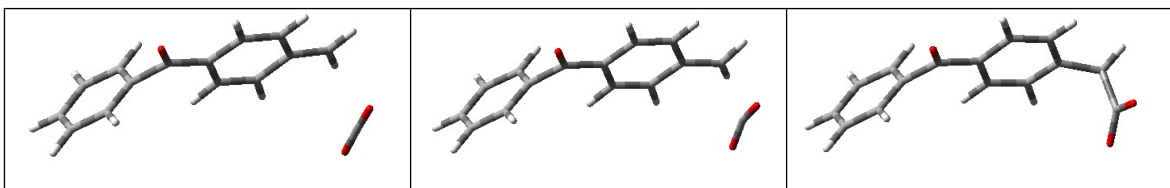
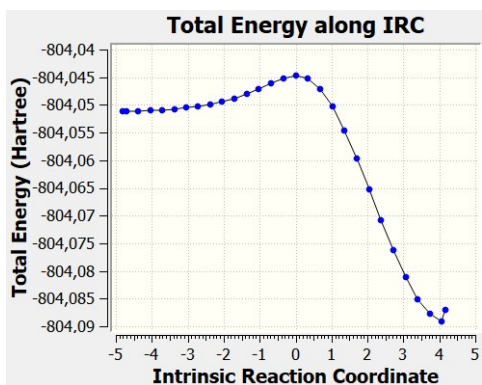
R₇⁻

TS imaginary frequency = 426.14 cm⁻¹



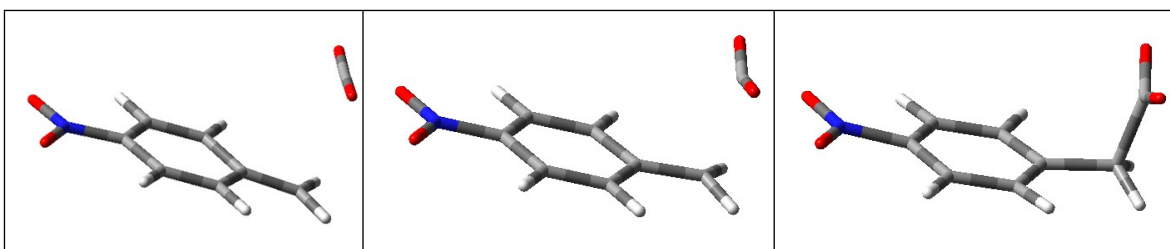
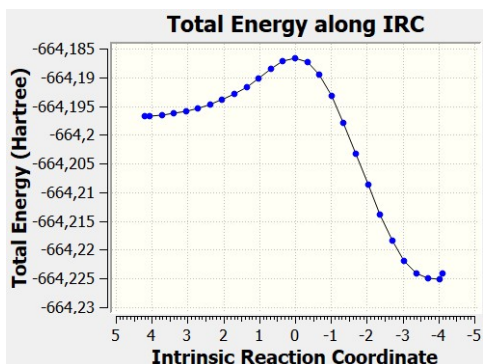
R₈⁻

TS imaginary frequency = 477.30 cm⁻¹



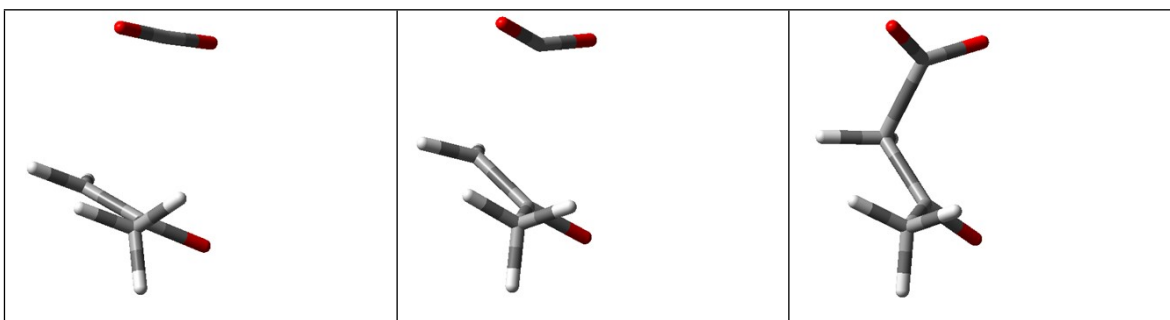
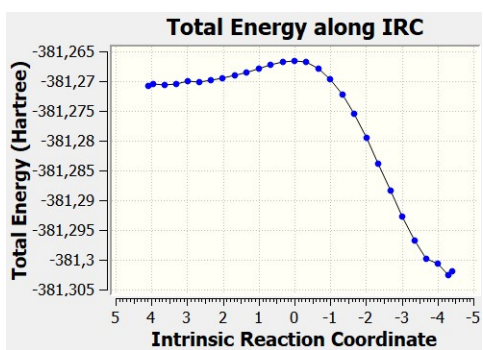
R_9^-

TS imaginary frequency = 552.72 cm^{-1}



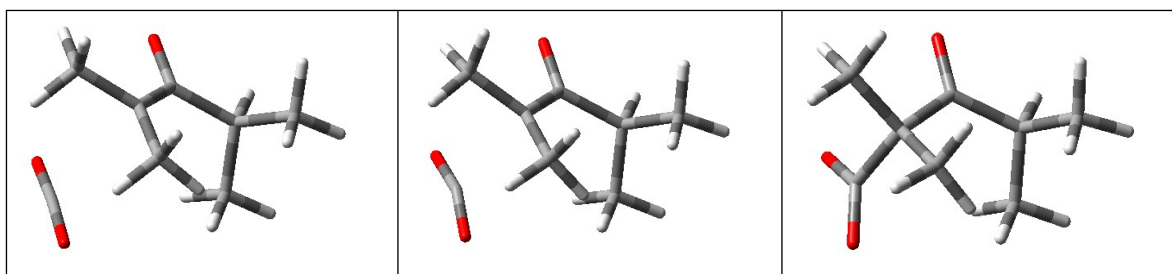
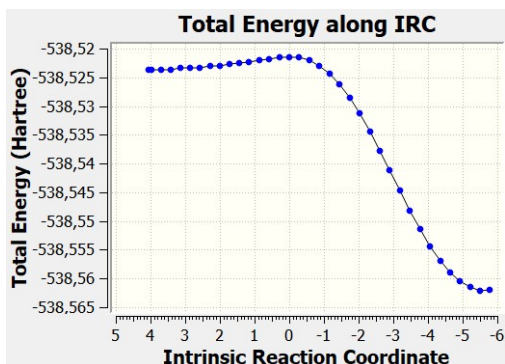
R_{10}^-

TS imaginary frequency = 351.56 cm^{-1}



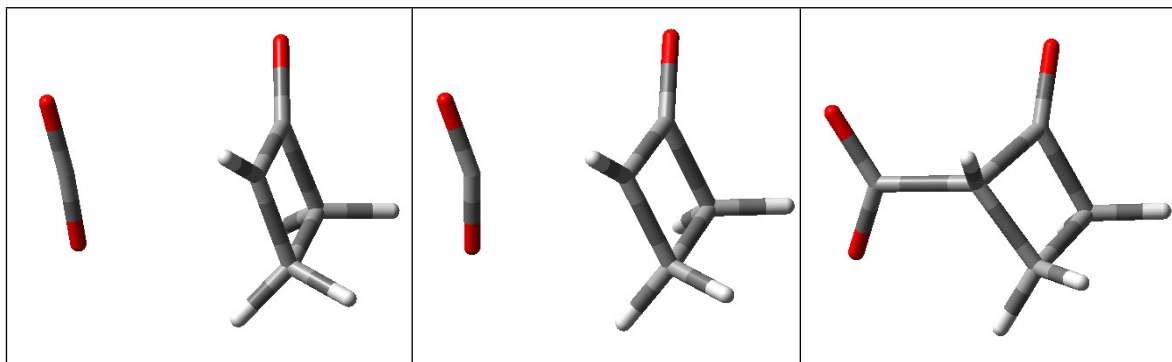
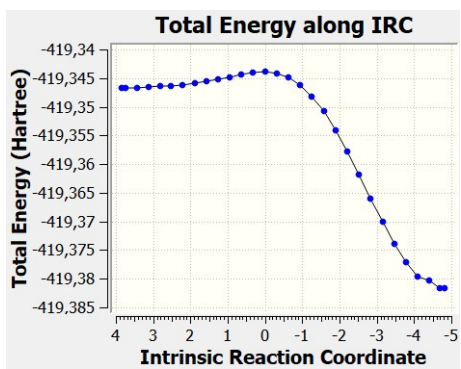
R_{11}^-

TS imaginary frequency = 277.11 cm^{-1}



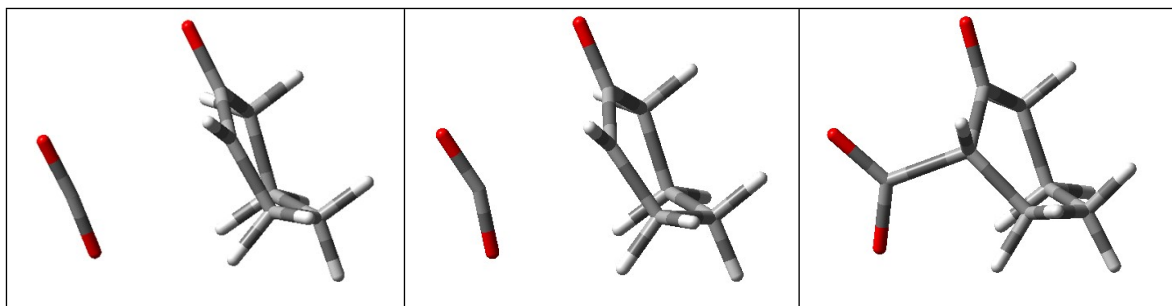
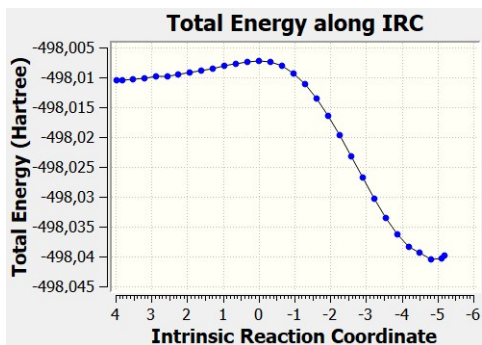
R_{12}^-

TS imaginary frequency = 301.67 cm^{-1}



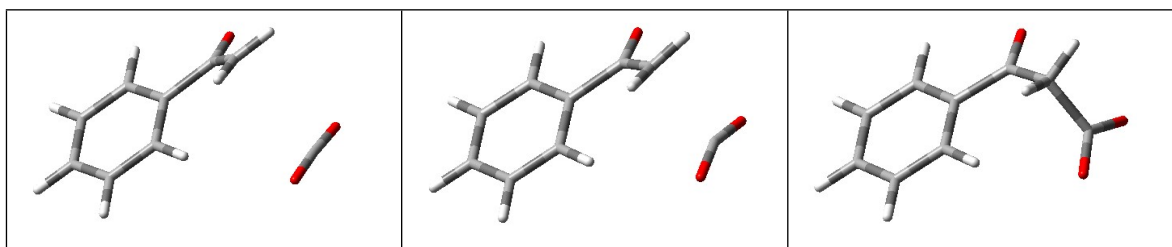
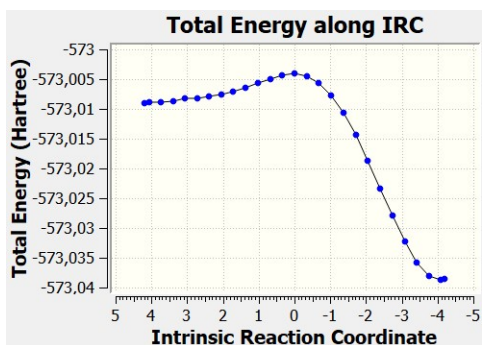
R_{13}^-

TS imaginary frequency = 292.94 cm^{-1}



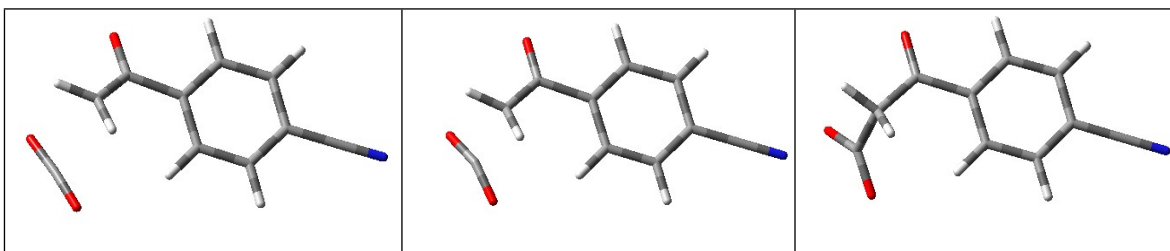
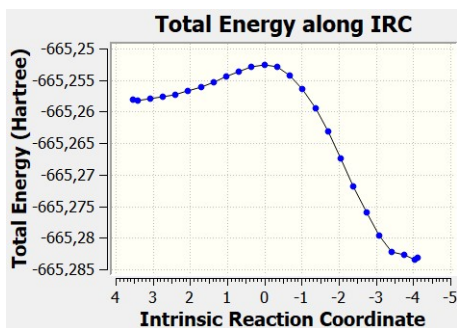
R_{14}^-

TS imaginary frequency = 376.05 cm^{-1}



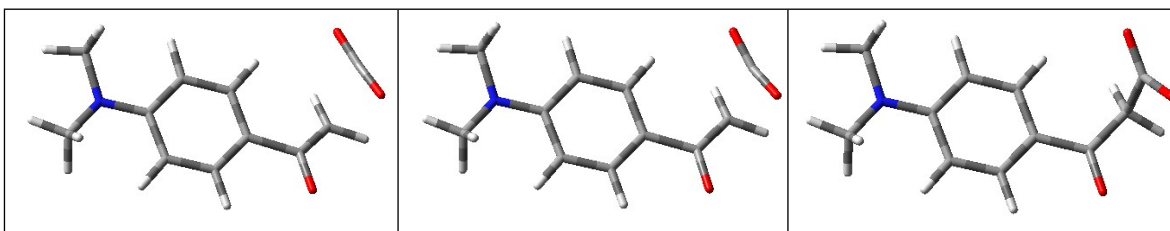
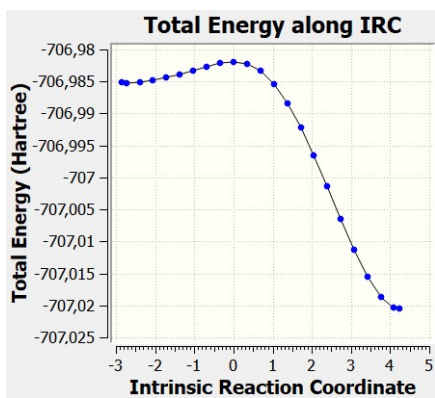
R₁₅⁻

TS imaginary frequency = 391.92 cm⁻¹



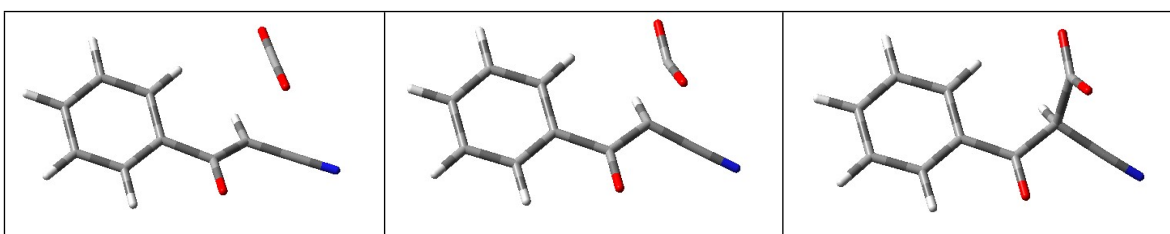
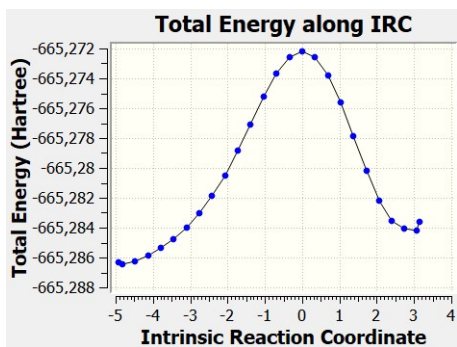
R₁₆⁻

TS imaginary frequency = 357.14 cm⁻¹



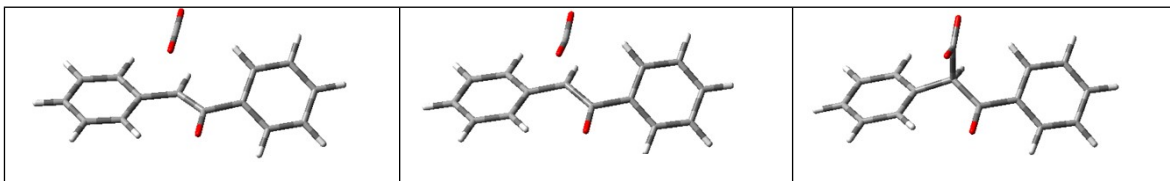
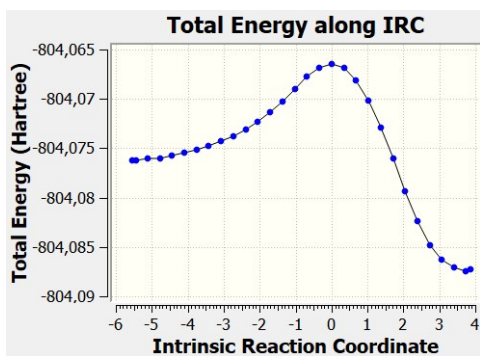
R₁₇⁻

TS imaginary frequency = 424.47 cm⁻¹



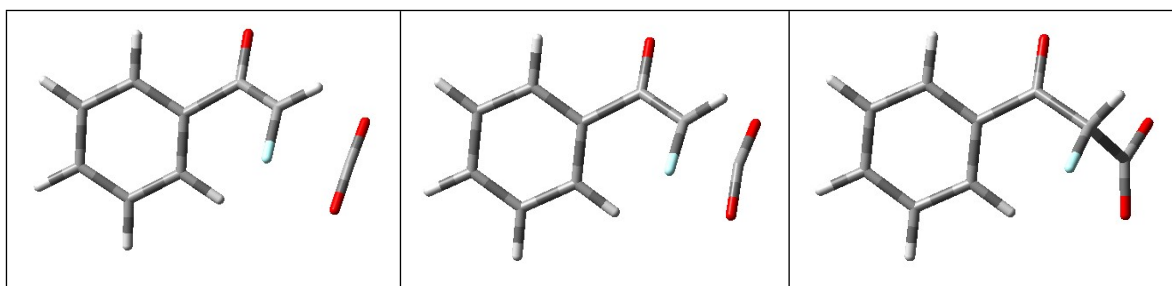
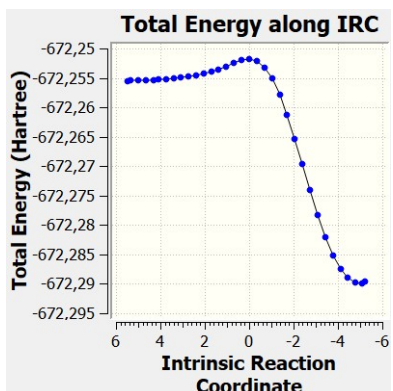
R₁₈⁻

imaginary frequency = 421.27 cm⁻¹



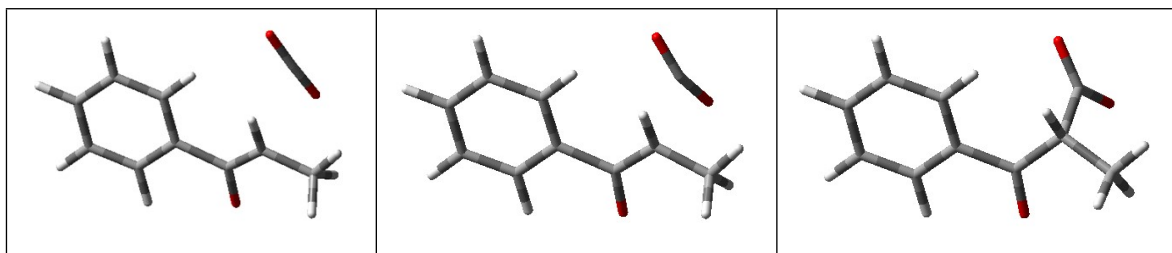
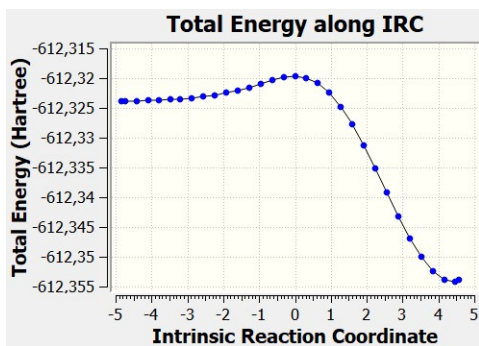
R₁₉⁻

TS imaginary frequency = 342.63 cm⁻¹



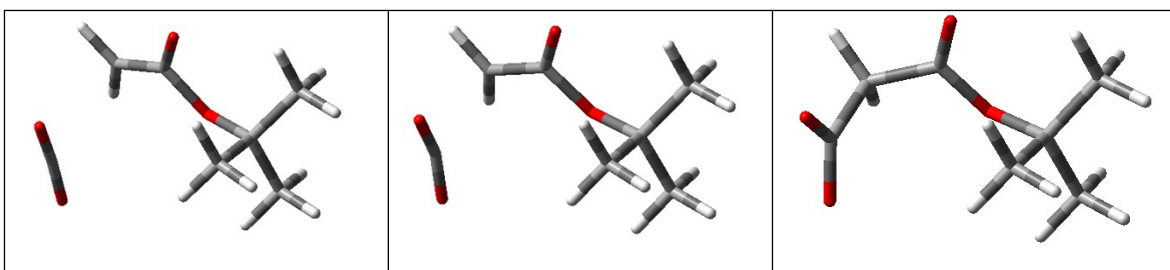
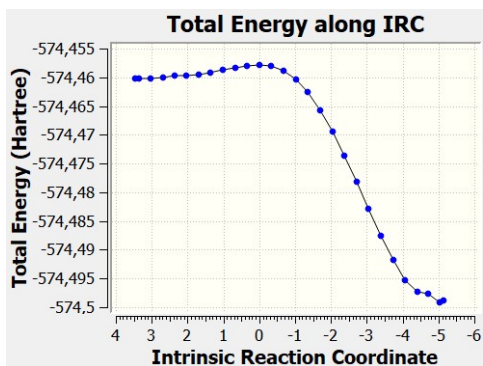
R₂₀⁻

TS imaginary frequency = 348.58 cm⁻¹



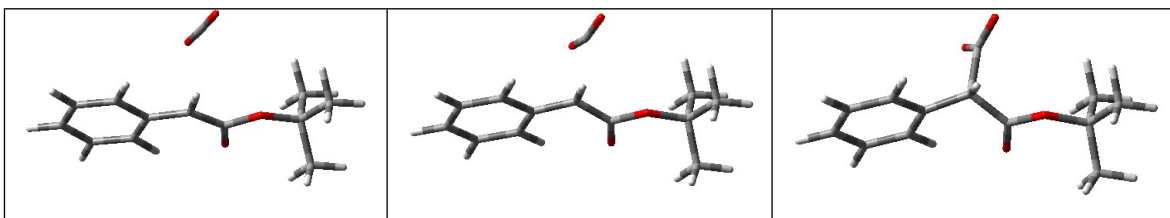
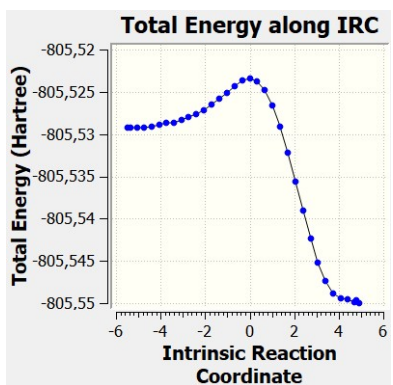
R_{21}^-

TS imaginary frequency = 296.69 cm^{-1}



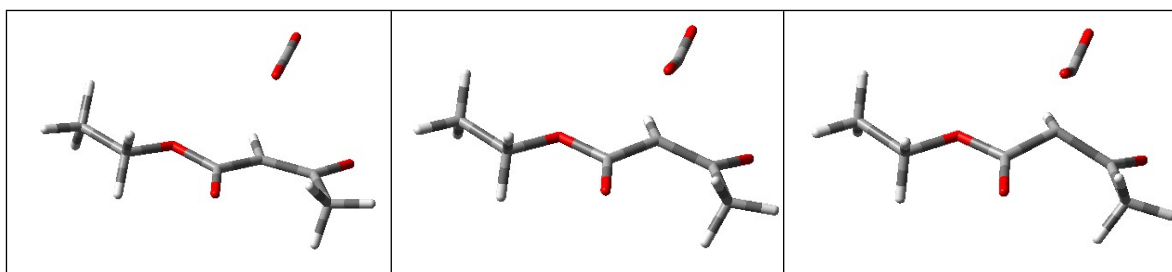
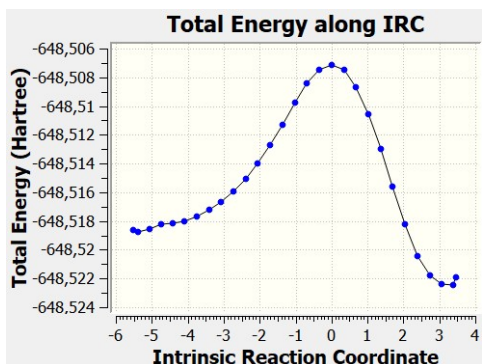
R_{22}^-

TS imaginary frequency = 369.81 cm^{-1}



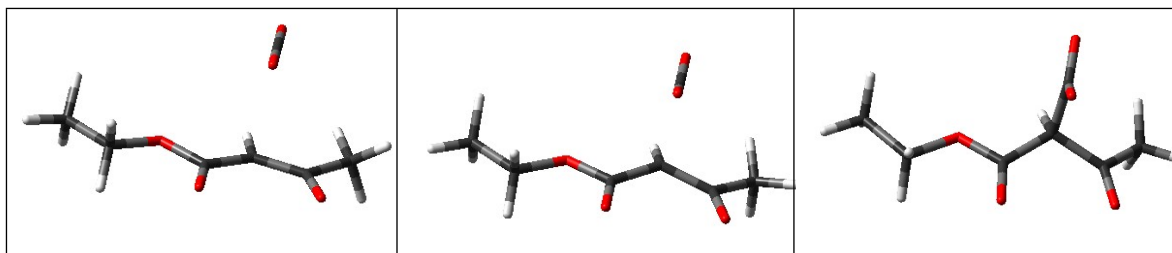
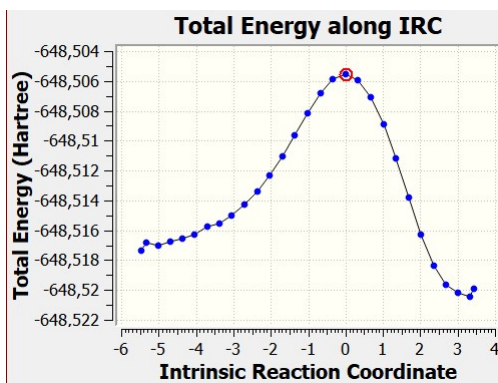
$R_{23}^- C_1$ (reported in the main text)

TS imaginary frequency = 412.06 cm^{-1}



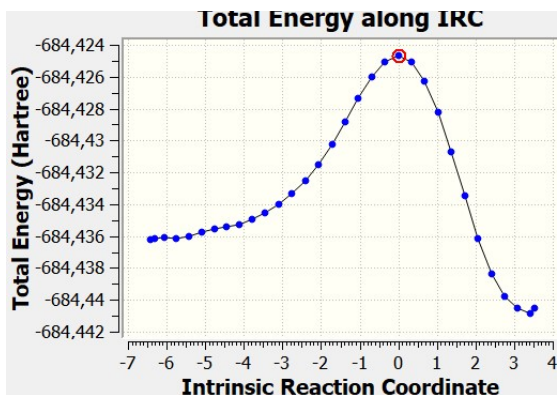
$R_{23}^- C_3$

TS imaginary frequency = -409.92 cm^{-1}



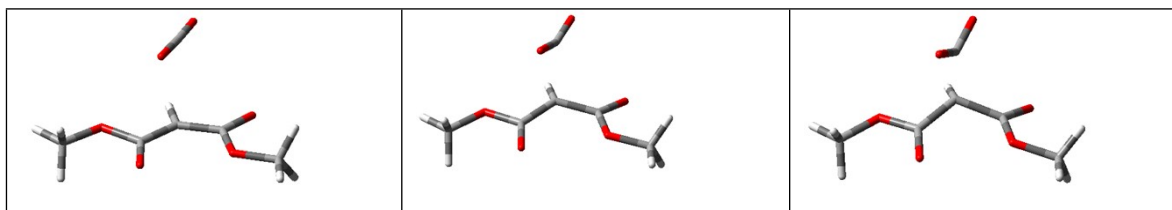
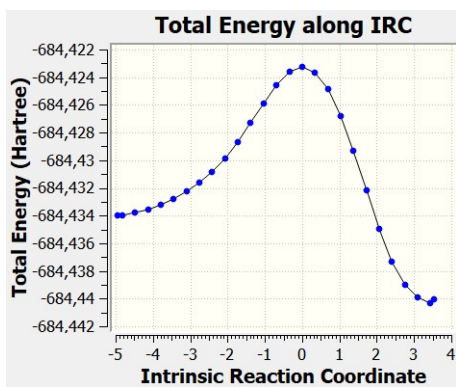
$R_{24}^- c_1$ (reported in the main text)

TS imaginary frequency = 418.06 cm^{-1}



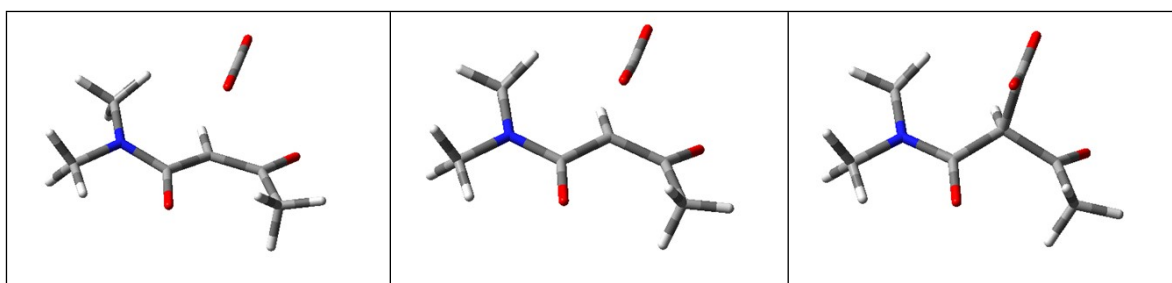
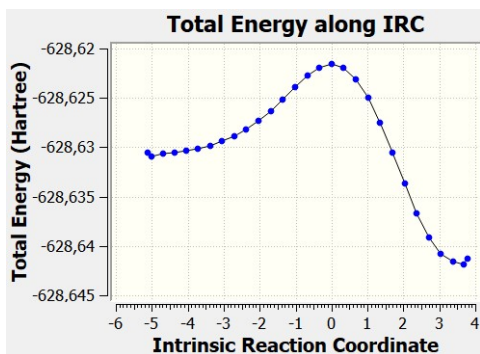
$R_{24}^- c_2$

TS imaginary frequency = 416.64 cm^{-1}



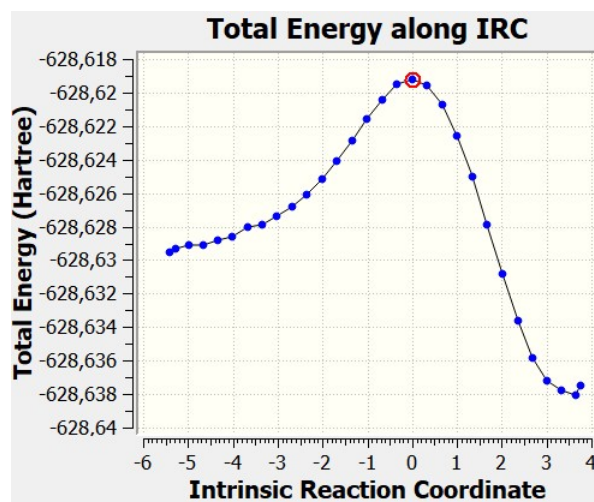
$R_{25}^- c_1$ (reported in the main text)

TS imaginary frequency = 403.79 cm^{-1}



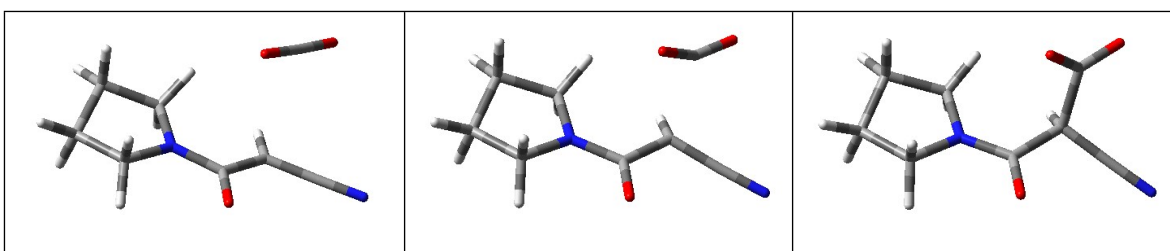
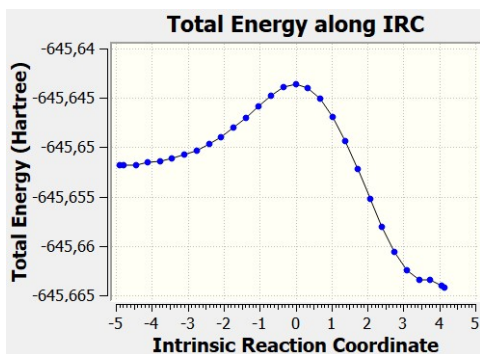
$R_{25}^- c_2$

TS imaginary frequency = 408.70 cm^{-1}



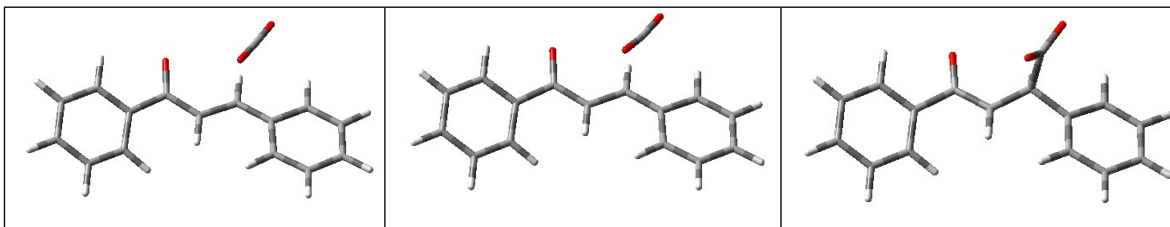
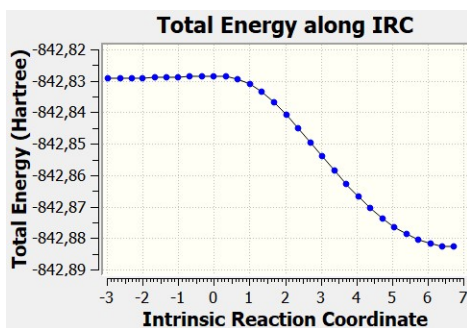
R₂₆⁻

TS imaginary frequency = 385.63 cm⁻¹



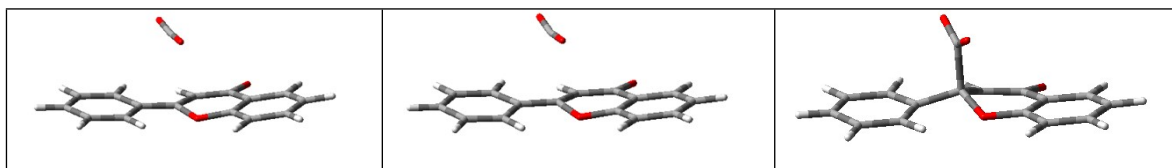
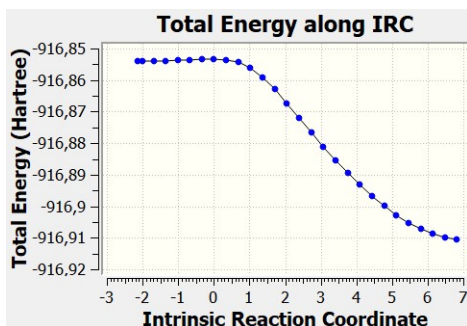
R₂₇⁻

TS imaginary frequency = 243.80 cm⁻¹



R₂₈⁻

TS imaginary frequency = 259.54 cm⁻¹



P. REFERENCES

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