

Cartesian coordinates for

Light-Driven Reduction of Aromatic Olefins in Aqueous Media Catalyzed by Aminopyridine Cobalt Complexes.

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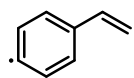
²Donostia International Physics Center (DIPC) Donostia, Euskadi, Spain. Polimero eta Material Aurreratuak: Fisika, Kimika eta Teknologia, Kimika Fakultatea, Euskal Herriko Unibertsitatea UPV/EHU P.K. 1072, 20080 Donostia, Euskadi, Spain.

³Catalan Institution for Research and Advanced Studies (ICREA), Passeig Lluís Companys, 23, 08010, Barcelona, Spain.

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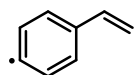
Cartesian coordinates

All reported free energies are in kcal·mol⁻¹.



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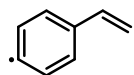
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6	4.744968000	-0.237473000	-1.865306000
1	4.721197000	1.878225000	-2.250547000
6	3.983186000	-1.386483000	-1.959739000
1	2.135838000	-2.384855000	-2.506444000
1	5.757123000	-0.236086000	-1.468821000
6	2.706943000	3.425106000	-3.314918000
1	3.712511000	3.639099000	-2.958790000
1	2.129511000	4.265940000	-3.690654000
1	1.170772000	2.047854000	-3.672336000



+ F[•]

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6	2.111034000	2.087896000	-3.310528000
6	2.861317000	0.925774000	-2.810092000
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6	4.176009000	1.018022000	-2.311250000
6	2.919075000	-1.475024000	-2.361107000
1	1.227580000	-0.421935000	-3.210946000
6	4.844104000	-0.122329000	-1.846934000
1	4.675257000	1.985098000	-2.287259000
6	4.216930000	-1.370562000	-1.871035000
1	2.423322000	-2.445189000	-2.383088000
1	5.861597000	-0.009781000	-1.468155000
6	2.533104000	3.359405000	-3.371765000
1	3.524049000	3.660801000	-3.037735000
1	1.887225000	4.141297000	-3.763640000
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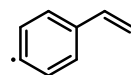


+ Cl[•]

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6	4.374120000	1.209419000	-2.271069000
6	3.681387000	-1.520106000	-2.056711000
1	1.789320000	-0.921962000	-2.906386000
6	5.301041000	0.299828000	-1.745209000
1	4.647128000	2.258208000	-2.351363000
6	4.905021000	-1.022080000	-1.664962000
1	3.406615000	-2.573449000	-1.976236000
1	6.281779000	0.639209000	-1.421171000
6	2.218920000	3.019441000	-3.426977000
1	3.122753000	3.562458000	-3.158278000

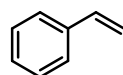
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+ Br[•]

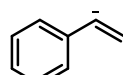
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6	2.277286000	-0.504830000	-2.785045000
6	4.277243000	0.736018000	-2.221498000
6	2.882073000	-1.687636000	-2.337873000
1	1.261703000	-0.521474000	-3.180190000
6	4.879075000	-0.446412000	-1.775561000
1	4.826683000	1.674223000	-2.172777000
6	4.177371000	-1.648178000	-1.837150000
1	2.334270000	-2.628410000	-2.385513000
1	5.895758000	-0.409542000	-1.383595000
6	2.770890000	3.184612000	-3.246903000
1	3.772753000	3.427921000	-2.898053000
1	2.171200000	4.007109000	-3.628849000
1	1.269269000	1.767651000	-3.583843000
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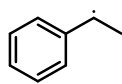
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6	5.031703000	-0.852133000	-1.643781000
6	3.591920000	-3.243608000	-1.783077000
1	2.001299000	-2.050073000	-2.618658000
6	5.609078000	-2.042256000	-1.205956000
1	5.599458000	0.072147000	-1.585545000
6	4.892828000	-3.244600000	-1.273002000
1	3.026545000	-4.170073000	-1.840025000
1	6.621438000	-2.034610000	-0.810544000
1	5.346419000	-4.170758000	-0.930613000
6	3.589143000	1.625789000	-2.649331000
1	4.595107000	1.836471000	-2.292282000
1	3.014527000	2.468909000	-3.024383000
1	2.050224000	0.251127000	-3.008581000



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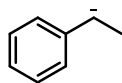
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6	-0.548135000	-0.253790000	-0.000124000
6	0.440817000	-1.301816000	-0.000092000
6	-0.021318000	1.096413000	-0.000212000
6	1.798659000	-1.039110000	0.000071000
1	0.092175000	-2.335543000	-0.000207000
6	1.344160000	1.342002000	0.000021000
1	-0.716556000	1.933584000	-0.000515000
6	2.290912000	0.294668000	0.000154000

1	2.500925000	-1.872676000	0.000047000
1	1.692234000	2.375634000	-0.000067000
1	3.358067000	0.500055000	0.000421000
6	-3.008079000	0.344246000	0.000044000
1	-2.863948000	1.423463000	0.000556000
1	-4.034378000	-0.016482000	0.000719000
1	-2.181683000	-1.615026000	-0.000103000



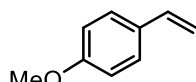
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6	2.982880000	-2.120762000	-2.236622000
6	4.975998000	-0.843435000	-1.650823000
6	3.598371000	-3.281533000	-1.789076000
1	1.972760000	-2.155070000	-2.638467000
6	5.581885000	-2.012298000	-1.205734000
1	5.511843000	0.099623000	-1.595947000
6	4.903233000	-3.239440000	-1.269219000
1	3.066481000	-4.228257000	-1.841440000
1	6.591589000	-1.974403000	-0.804335000
1	5.382898000	-4.149241000	-0.919394000
6	3.640870000	1.668365000	-2.620736000
1	1.999413000	0.211579000	-3.032944000
1	4.568371000	1.696444000	-3.214529000
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1	3.924784000	1.969886000	-1.599984000



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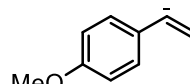
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6	-0.029674000	1.043367000	-0.005351000
6	1.905969000	-0.971192000	-0.000087000
1	0.286919000	-2.374381000	-0.007533000
6	1.322358000	1.364117000	0.000793000
1	-0.765902000	1.845053000	-0.011918000
6	2.327927000	0.378423000	0.004643000
1	2.653156000	-1.766163000	-0.001363000
1	1.607803000	2.417398000	0.000366000
1	3.382263000	0.642214000	0.007434000
6	-2.951164000	0.350933000	0.000885000
1	-2.121153000	-1.728491000	-0.004728000
1	-2.990791000	0.975208000	-0.916446000
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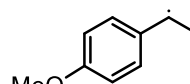
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6	3.041481000	-2.063914000	-2.317095000
6	5.023470000	-0.875915000	-1.640076000
6	3.613947000	-3.277548000	-1.926728000
1	2.037404000	-2.064614000	-2.734929000
6	5.607322000	-2.070879000	-1.246692000
1	5.582908000	0.047815000	-1.523093000

6	4.906574000	-3.282069000	-1.389272000
1	3.054412000	-4.198427000	-2.043598000
1	6.609183000	-2.091477000	-0.827478000
6	3.577402000	1.634976000	-2.576991000
1	4.575238000	1.840330000	-2.194399000
1	3.000554000	2.486777000	-2.928209000
1	2.059880000	0.260657000	-3.019056000
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1	3.981668000	-5.701974000	-0.560119000
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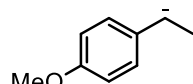
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6	5.022083000	-0.873867000	-1.642164000
6	3.585023000	-3.277924000	-1.877902000
1	2.000225000	-2.101449000	-2.696947000
6	5.593634000	-2.071832000	-1.236614000
1	5.595571000	0.044865000	-1.543084000
6	4.896416000	-3.288319000	-1.344506000
1	3.021405000	-4.201462000	-1.973449000
1	6.602176000	-2.086822000	-0.825164000
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1	3.023449000	2.530111000	-2.968022000
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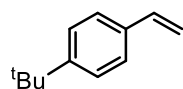
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6	3.605276000	-3.264611000	-1.977805000
1	1.985061000	-2.088113000	-2.740351000
6	5.618212000	-2.030819000	-1.385422000
1	5.569731000	0.084173000	-1.682731000
6	4.921521000	-3.250906000	-1.482905000
1	3.056253000	-4.195663000	-2.064638000
1	6.635410000	-2.041257000	-1.003489000
6	3.667501000	1.730914000	-2.590962000
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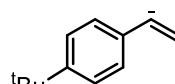
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6	4.979383000	-0.842461000	-1.763145000
6	3.573164000	-3.257550000	-1.869596000
1	1.933225000	-2.128023000	-2.648286000
6	5.581041000	-2.027228000	-1.352418000
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6	4.897165000	-3.250950000	-1.394733000
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1	3.020201000	2.539308000	-2.920319000
1	1.978420000	0.354037000	-3.039628000
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1	4.733851000	-5.783221000	-2.235218000
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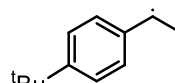
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1	2.651457000	-2.219779000	-3.651064000
6	5.188319000	-1.936922000	-0.738285000
1	4.734428000	0.168895000	-0.748507000
6	4.923881000	-3.182772000	-1.313816000
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1	3.368387000	2.427564000	-3.266585000
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1	1.300677000	2.571197000	-3.537370000
6	1.160593000	0.043221000	-4.491781000
1	1.478247000	-0.978944000	-4.721310000
1	0.080631000	0.109110000	-4.680411000
1	1.674766000	0.725859000	-5.179371000
6	0.683936000	-0.505986000	-2.081353000
1	0.941203000	-1.556293000	-2.246730000
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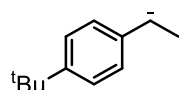
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1	2.163890000	-2.283735000	-3.050348000
6	5.537399000	-2.006491000	-1.177195000
1	5.236039000	0.091783000	-1.078685000
6	5.060391000	-3.277594000	-1.565714000
1	3.396819000	-4.270887000	-2.547216000
1	6.475493000	-1.929469000	-0.626006000
1	5.616614000	-4.185728000	-1.349287000
6	3.578011000	1.633388000	-2.350153000
1	4.639739000	1.683768000	-2.125695000
1	3.092297000	2.585851000	-2.522278000
6	1.453044000	0.427959000	-3.019429000
6	0.866439000	1.853719000	-3.102091000
1	-0.179321000	1.793105000	-3.430552000
1	0.890849000	2.354942000	-2.126853000
1	1.408933000	2.476252000	-3.823195000
6	1.380097000	-0.125560000	-4.463337000
1	1.739134000	-1.153440000	-4.556218000
1	0.343810000	-0.095394000	-4.830400000
1	1.992574000	0.501809000	-5.124630000
6	0.495103000	-0.344616000	-2.082645000
1	0.791317000	-1.381075000	-1.909581000
1	0.449861000	0.155782000	-1.105825000
1	-0.519184000	-0.347656000	-2.506139000



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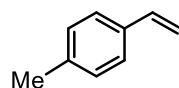
6	2.805703000	0.363066000	-2.328685000
6	3.584466000	-0.839514000	-2.175294000
6	3.033715000	-2.152863000	-2.252580000
6	4.986669000	-0.764646000	-1.915921000
6	3.821918000	-3.288168000	-2.092257000
1	1.969407000	-2.283564000	-2.395183000
6	5.769795000	-1.904064000	-1.768715000
1	5.467914000	0.206850000	-1.869579000
6	5.198305000	-3.180622000	-1.855143000
1	3.354451000	-4.268514000	-2.143187000
1	6.836987000	-1.796612000	-1.590431000
1	5.810288000	-4.070175000	-1.734889000
6	3.281475000	1.633185000	-1.673919000
1	4.084211000	1.456823000	-0.953148000
1	2.450824000	2.106371000	-1.131680000
6	1.472131000	0.429057000	-3.079136000
6	1.159086000	1.878995000	-3.515736000
1	0.229698000	1.880409000	-4.098177000
1	1.018348000	2.548368000	-2.660937000
1	1.960542000	2.283940000	-4.145734000
6	1.473737000	-0.406569000	-4.379398000
1	1.609108000	-1.476581000	-4.212633000
1	0.514285000	-0.266786000	-4.893602000
1	2.272156000	-0.063689000	-5.049865000
6	0.318858000	-0.024745000	-2.152191000

1	0.423538000	-1.068583000	-1.839611000
1	0.289960000	0.601039000	-1.251009000
1	-0.640611000	0.083114000	-2.675844000
1	3.633630000	2.378757000	-2.403627000



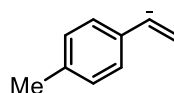
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6	2.872329000	0.397621000	-2.467039000
6	3.559068000	-0.796539000	-2.216439000
6	3.064335000	-2.149921000	-2.457890000
6	4.912035000	-0.795470000	-1.658281000
6	3.805767000	-3.289608000	-2.181832000
1	2.074526000	-2.294211000	-2.871655000
6	5.629446000	-1.953085000	-1.392657000
1	5.387584000	0.155092000	-1.437167000
6	5.106539000	-3.236362000	-1.642540000
1	3.353587000	-4.259523000	-2.395056000
1	6.633069000	-1.853848000	-0.975747000
1	5.675609000	-4.137979000	-1.431449000
6	3.604677000	1.684720000	-2.129616000
1	3.895200000	1.756048000	-1.061883000
1	3.019820000	2.582176000	-2.346100000
6	1.447322000	0.444396000	-3.053893000
6	0.917130000	1.882689000	-3.232544000
1	-0.097444000	1.846034000	-3.651858000
1	0.867439000	2.418756000	-2.276084000
1	1.545030000	2.464491000	-3.919451000
6	1.384330000	-0.184794000	-4.470793000
1	1.771594000	-1.206938000	-4.499354000
1	0.349998000	-0.204200000	-4.847236000
1	1.985820000	0.415894000	-5.166728000
6	0.416075000	-0.250054000	-2.125733000
1	0.690654000	-1.279588000	-1.880540000
1	0.339443000	0.305263000	-1.180909000
1	-0.582002000	-0.267351000	-2.589962000
1	4.561616000	1.800569000	-2.677673000



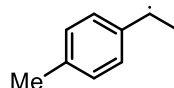
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6	3.042772000	-2.061465000	-2.281077000
6	5.015114000	-0.852256000	-1.604517000
6	3.623438000	-3.253452000	-1.845073000
1	2.047160000	-2.073071000	-2.719266000
6	5.590126000	-2.042966000	-1.171066000
1	5.572380000	0.075387000	-1.508179000
6	4.904797000	-3.265387000	-1.279768000
1	3.077480000	-4.188725000	-1.945689000
1	6.589641000	-2.031497000	-0.741903000
6	3.575107000	1.631831000	-2.619874000
1	4.563846000	1.852185000	-2.221825000
1	3.003815000	2.474735000	-3.000828000
1	2.072806000	0.239303000	-3.060328000
6	5.526433000	-4.545692000	-0.781304000
1	5.402870000	-4.646380000	0.306658000
1	5.059011000	-5.420126000	-1.248431000
1	6.603503000	-4.570252000	-0.987356000



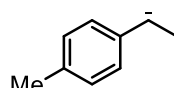
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6	3.688427000	-0.806192000	-2.175619000
6	2.999044000	-2.068413000	-2.203782000
6	5.040874000	-0.857220000	-1.659731000
6	3.581779000	-3.243554000	-1.769340000
1	1.976909000	-2.086711000	-2.585223000
6	5.606935000	-2.051332000	-1.228204000
1	5.625017000	0.059461000	-1.610744000
6	4.914735000	-3.278454000	-1.262288000
1	3.010452000	-4.171678000	-1.814163000
1	6.629596000	-2.043170000	-0.846603000
6	3.596940000	1.676228000	-2.660758000
1	4.607553000	1.895440000	-2.319665000
1	3.010860000	2.513277000	-3.034084000
1	2.039837000	0.264258000	-2.990259000
6	5.538129000	-4.564900000	-0.783974000
1	5.000716000	-5.007621000	0.071958000
1	5.557653000	-5.343800000	-1.564478000
1	6.575352000	-4.399892000	-0.462641000



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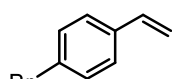
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6	3.690875000	-0.795112000	-2.209095000
6	2.983768000	-2.036494000	-2.214707000
6	5.033462000	-0.820260000	-1.729493000
6	3.577477000	-3.205865000	-1.770321000
1	1.958468000	-2.048779000	-2.578202000
6	5.613616000	-2.003282000	-1.287046000
1	5.609757000	0.100238000	-1.713406000
6	4.905776000	-3.217761000	-1.294503000
1	3.013812000	-4.136648000	-1.786638000
1	6.640109000	-1.995241000	-0.926382000
6	3.725539000	1.728008000	-2.710241000
1	4.310064000	1.927997000	-1.801292000
1	2.984905000	2.527050000	-2.826153000
1	2.045677000	0.300393000	-3.037015000
6	5.536082000	-4.496622000	-0.807081000
1	5.005869000	-4.893788000	0.070126000
1	5.502207000	-5.278481000	-1.578234000
1	6.583397000	-4.338365000	-0.525479000
1	4.430349000	1.809187000	-3.555576000



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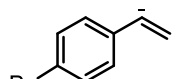
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6	3.640917000	-0.766557000	-2.231849000
6	2.960594000	-2.049521000	-2.202420000
6	5.013381000	-0.825838000	-1.761927000
6	3.570344000	-3.209057000	-1.757164000
1	1.925754000	-2.088230000	-2.546367000
6	5.595307000	-2.010263000	-1.319066000
1	5.603605000	0.089055000	-1.757343000
6	4.909364000	-3.238426000	-1.295823000

1	2.997174000	-4.138574000	-1.761776000
1	6.631827000	-1.987633000	-0.975540000
6	3.740895000	1.730961000	-2.700409000
1	4.160439000	2.033763000	-1.719457000
1	3.060256000	2.536294000	-3.010559000
1	1.999341000	0.358956000	-3.017810000
6	5.555715000	-4.512977000	-0.807860000
1	5.048603000	-4.942945000	0.072251000
1	5.565857000	-5.308511000	-1.571335000
1	6.599692000	-4.331108000	-0.518291000
1	4.606045000	1.769846000	-3.396030000



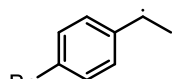
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6	3.724230000	-0.836992000	-2.158888000
6	3.017680000	-2.050697000	-2.220159000
6	5.033984000	-0.856075000	-1.642130000
6	3.586221000	-3.247962000	-1.784564000
1	2.005521000	-2.055176000	-2.616092000
6	5.616441000	-2.041658000	-1.203155000
1	5.607848000	0.063324000	-1.580577000
6	4.884712000	-3.229677000	-1.278857000
1	3.025411000	-4.175111000	-1.839631000
1	6.626699000	-2.040987000	-0.807296000
6	3.588267000	1.623836000	-2.649384000
1	4.593863000	1.838463000	-2.293301000
1	3.010552000	2.464405000	-3.025197000
1	2.052892000	0.243677000	-3.006081000
35	5.684610000	-4.863490000	-0.675011000



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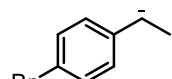
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6	3.692655000	-0.814936000	-2.175172000
6	3.004887000	-2.078691000	-2.220207000
6	5.039581000	-0.858528000	-1.639477000
6	3.576803000	-3.259041000	-1.786305000
1	1.988837000	-2.099109000	-2.614838000
6	5.615064000	-2.041606000	-1.203693000
1	5.617283000	0.060646000	-1.576365000
6	4.897543000	-3.248777000	-1.270442000
1	3.020614000	-4.191320000	-1.838664000
1	6.627925000	-2.038154000	-0.807299000
6	3.598189000	1.665952000	-2.653003000
1	4.603366000	1.888396000	-2.298527000
1	3.012994000	2.501300000	-3.030810000
1	2.053096000	0.251629000	-3.007336000
35	5.704851000	-4.892010000	-0.662019000



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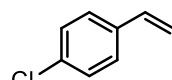
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6	3.698772000	-0.781872000	-2.187957000
6	2.994889000	-2.023457000	-2.218392000
6	5.027361000	-0.797886000	-1.666604000

6	3.572556000	-3.198707000	-1.765038000
1	1.980634000	-2.040238000	-2.609038000
6	5.609797000	-1.972513000	-1.211063000
1	5.596688000	0.125145000	-1.621823000
6	4.881049000	-3.167056000	-1.262509000
1	3.019222000	-4.131571000	-1.798031000
1	6.621114000	-1.963905000	-0.817444000
6	3.718495000	1.747828000	-2.661232000
1	4.771400000	1.702849000	-2.971702000
1	3.187760000	2.430512000	-3.333748000
1	2.053952000	0.310052000	-3.011774000
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1	3.708527000	2.203080000	-1.656211000



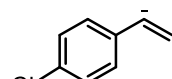
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6	3.649572000	-0.758998000	-2.215970000
6	2.990157000	-2.054556000	-2.242403000
6	4.989342000	-0.790719000	-1.648723000
6	3.584014000	-3.210956000	-1.770670000
1	1.982186000	-2.111490000	-2.653710000
6	5.575036000	-1.958045000	-1.178247000
1	5.555478000	0.136339000	-1.590491000
6	4.884713000	-3.176662000	-1.232457000
1	3.042375000	-4.153317000	-1.815881000
1	6.580425000	-1.924826000	-0.763604000
6	3.743839000	1.740475000	-2.658458000
1	4.691617000	1.767691000	-3.233090000
1	3.100089000	2.525064000	-3.078736000
1	2.048663000	0.343644000	-3.099326000
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1	4.024888000	2.074338000	-1.639223000



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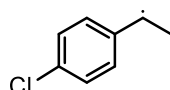
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6	3.016862000	-2.049910000	-2.220625000
6	5.032760000	-0.855052000	-1.642769000
6	3.584779000	-3.247695000	-1.785193000
1	2.004586000	-2.054765000	-2.616540000
6	5.616717000	-2.039830000	-1.203361000
1	5.606365000	0.064571000	-1.581338000
6	4.883520000	-3.226968000	-1.279813000
1	3.026168000	-4.176314000	-1.839149000
1	6.626874000	-2.040772000	-0.807246000
6	3.588391000	1.624817000	-2.649537000
1	4.594072000	1.838764000	-2.293351000
1	3.011376000	2.465909000	-3.025156000
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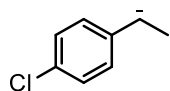
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6	3.691958000	-0.814260000	-2.175567000
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6	5.039185000	-0.856944000	-1.639917000
6	3.574877000	-3.258450000	-1.787166000
1	1.988009000	-2.098133000	-2.615337000
6	5.615515000	-2.039256000	-1.203936000
1	5.616369000	0.062317000	-1.577024000
6	4.896394000	-3.245838000	-1.271416000
1	3.018606000	-4.190958000	-1.839516000
1	6.628664000	-2.035750000	-0.807440000
6	3.598044000	1.665983000	-2.653062000
1	4.603279000	1.888064000	-2.298498000
1	3.013367000	2.501704000	-3.030732000
1	2.052589000	0.253174000	-3.007809000
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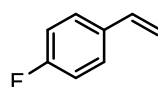
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6	2.988676000	-2.035411000	-2.221325000
6	5.020210000	-0.810200000	-1.665238000
6	3.565533000	-3.211507000	-1.768757000
1	1.974921000	-2.051930000	-2.613192000
6	5.603251000	-1.984735000	-1.210304000
1	5.588348000	0.113399000	-1.618624000
6	4.873626000	-3.178747000	-1.264816000
1	3.014094000	-4.145737000	-1.802584000
1	6.614124000	-1.978269000	-0.815064000
6	3.716701000	1.735895000	-2.656941000
1	4.767451000	1.691132000	-2.974786000
1	3.183053000	2.423818000	-3.321695000
1	2.050201000	0.301686000	-3.014280000
17	5.614101000	-4.673109000	-0.685883000
1	3.714785000	2.184857000	-1.649038000



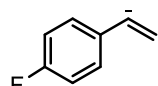
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6	3.643556000	-0.771929000	-2.211404000
6	2.984188000	-2.067972000	-2.228548000
6	4.987740000	-0.800060000	-1.653565000
6	3.582596000	-3.223201000	-1.760479000
1	1.972714000	-2.126138000	-2.630458000
6	5.579746000	-1.965461000	-1.187070000
1	5.551746000	0.128395000	-1.599647000
6	4.888824000	-3.184564000	-1.234985000
1	3.041384000	-4.166439000	-1.798512000
1	6.588567000	-1.930542000	-0.780096000
6	3.729599000	1.726500000	-2.664851000
1	4.690853000	1.740943000	-3.216038000
1	3.095330000	2.499693000	-3.119297000
1	2.033321000	0.324711000	-3.082601000
17	5.656390000	-4.681257000	-0.630753000
1	3.983795000	2.086150000	-1.647053000



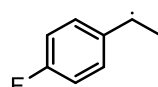
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6	3.067129000	0.390476000	-2.634543000
6	3.723071000	-0.837618000	-2.159223000
6	3.015606000	-2.051741000	-2.220791000
6	5.033823000	-0.855261000	-1.642325000
6	3.584495000	-3.249408000	-1.784997000
1	2.003387000	-2.055012000	-2.616965000
6	5.618028000	-2.040232000	-1.202782000
1	5.604792000	0.066182000	-1.582259000
6	4.879285000	-3.218109000	-1.283047000
1	3.041927000	-4.188172000	-1.830859000
1	6.626953000	-2.062065000	-0.803443000
6	3.588780000	1.624838000	-2.649374000
1	4.594431000	1.839011000	-2.293223000
1	3.011931000	2.466087000	-3.024963000
1	2.052811000	0.246614000	-3.006585000
9	5.445608000	-4.372902000	-0.855878000



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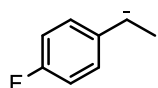
6	3.068362000	0.378851000	-2.631987000
6	3.690311000	-0.815018000	-2.176078000
6	3.003378000	-2.078668000	-2.220804000
6	5.039621000	-0.853837000	-1.640298000
6	3.578136000	-3.259824000	-1.785646000
1	1.987452000	-2.099318000	-2.615345000
6	5.615383000	-2.043363000	-1.203259000
1	5.614960000	0.066173000	-1.578262000
6	4.892955000	-3.234067000	-1.274856000
1	3.036665000	-4.201769000	-1.830518000
1	6.627695000	-2.059033000	-0.803684000
6	3.599227000	1.667864000	-2.652932000
1	4.604787000	1.887761000	-2.297851000
1	3.016360000	2.505287000	-3.030192000
1	2.049148000	0.252658000	-3.009066000
9	5.467619000	-4.411009000	-0.840479000



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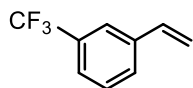
6	3.052251000	0.385623000	-2.668704000
6	3.681681000	-0.796644000	-2.214300000
6	2.975520000	-2.037330000	-2.213595000
6	5.029028000	-0.807445000	-1.743335000
6	3.570121000	-3.210598000	-1.772822000
1	1.948251000	-2.053937000	-2.568533000
6	5.628841000	-1.979870000	-1.301028000
1	5.595753000	0.118281000	-1.731842000
6	4.890905000	-3.162790000	-1.322207000
1	3.034988000	-4.155282000	-1.771499000
1	6.653516000	-1.992753000	-0.942457000
6	3.722564000	1.722227000	-2.708524000
1	4.170551000	1.982872000	-1.737510000
1	3.013360000	2.510783000	-2.980837000
1	2.027302000	0.303172000	-3.022576000
9	5.476375000	-4.307898000	-0.890557000

1 4.546669000 1.744555000 -3.440851000



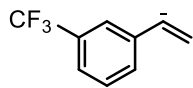
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6 3.026070000 0.394328000 -2.673522000
 6 3.642537000 -0.772440000 -2.235994000
 6 2.970530000 -2.060565000 -2.212301000
 6 5.015646000 -0.811908000 -1.758714000
 6 3.583112000 -3.221809000 -1.765026000
 1 1.938985000 -2.109295000 -2.560846000
 6 5.618686000 -1.984842000 -1.310159000
 1 5.593545000 0.109391000 -1.750770000
 6 4.907121000 -3.182721000 -1.311947000
 1 3.044769000 -4.167917000 -1.762018000
 1 6.648707000 -1.976571000 -0.957568000
 6 3.729877000 1.724838000 -2.702899000
 1 4.143123000 2.029963000 -1.719868000
 1 3.046581000 2.526592000 -3.016275000
 1 1.997997000 0.342286000 -3.031485000
 9 5.511912000 -4.344957000 -0.867588000
 1 4.598477000 1.768595000 -3.394196000



(s, G = -405869.82)

6 3.082814000 0.378639000 -2.690546000
 6 3.720566000 -0.842105000 -2.172300000
 6 3.009584000 -2.050620000 -2.235674000
 6 5.011710000 -0.855434000 -1.610780000
 6 3.571735000 -3.231694000 -1.748840000
 1 2.011706000 -2.060360000 -2.663514000
 6 5.569763000 -2.037700000 -1.129174000
 1 5.580552000 0.067339000 -1.550519000
 6 4.854467000 -3.236454000 -1.194603000
 1 6.565998000 -2.027891000 -0.696957000
 1 5.282733000 -4.159138000 -0.816438000
 6 3.608812000 1.610399000 -2.697449000
 1 4.599162000 1.825646000 -2.301733000
 1 3.050283000 2.448530000 -3.106106000
 1 2.084524000 0.229650000 -3.100829000
 6 2.820280000 -4.523975000 -1.877664000
 9 1.480372000 -4.340825000 -1.937598000
 9 3.167360000 -5.199416000 -3.004479000
 9 3.062091000 -5.361925000 -0.841289000

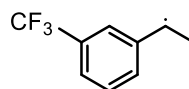


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6 3.068807000 0.383389000 -2.640512000
 6 3.686435000 -0.812643000 -2.169596000
 6 2.987600000 -2.052871000 -2.216470000
 6 5.035806000 -0.857708000 -1.627779000
 6 3.553224000 -3.235043000 -1.771138000
 1 1.976893000 -2.061598000 -2.619281000
 6 5.588363000 -2.053648000 -1.186971000
 1 5.615341000 0.059852000 -1.569232000

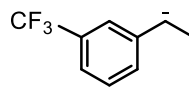
6 4.884869000 -3.268055000 -1.239046000

1 6.601675000 -2.049319000 -0.785329000
 1 5.319116000 -4.199160000 -0.889649000
 6 3.606574000 1.654379000 -2.675901000
 1 4.613822000 1.868110000 -2.323182000
 1 3.031791000 2.492710000 -3.062708000
 1 2.050090000 0.257063000 -3.016919000
 6 2.814786000 -4.517107000 -1.871853000
 9 1.525053000 -4.385318000 -2.273807000
 9 3.396188000 -5.392641000 -2.752138000
 9 2.778079000 -5.197729000 -0.684980000



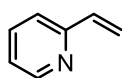
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6 3.080353000 0.387432000 -2.695388000
 6 3.679310000 -0.792589000 -2.198327000
 6 2.972008000 -2.028744000 -2.251016000
 6 4.988072000 -0.806239000 -1.632302000
 6 3.547459000 -3.192697000 -1.767570000
 1 1.973518000 -2.045617000 -2.676326000
 6 5.549525000 -1.984483000 -1.153563000
 1 5.549197000 0.121291000 -1.575836000
 6 4.841155000 -3.189559000 -1.214688000
 1 6.547634000 -1.970853000 -0.724794000
 1 5.275086000 -4.110755000 -0.839182000
 6 3.742891000 1.727459000 -2.678934000
 1 4.756766000 1.683946000 -3.103583000
 1 3.161686000 2.461161000 -3.246548000
 1 2.072589000 0.305953000 -3.095713000
 6 2.821271000 -4.502202000 -1.861162000
 9 1.514585000 -4.363942000 -2.178958000
 9 3.369304000 -5.313104000 -2.803623000
 9 2.875844000 -5.192785000 -0.694108000
 1 3.857288000 2.110436000 -1.651427000



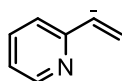
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6 3.058370000 0.395194000 -2.705423000
 6 3.636530000 -0.762609000 -2.215291000
 6 2.960294000 -2.046850000 -2.241017000
 6 4.970247000 -0.806157000 -1.632156000
 6 3.550654000 -3.197461000 -1.751467000
 1 1.959166000 -2.094585000 -2.662873000
 6 5.531864000 -1.981059000 -1.154267000
 1 5.539801000 0.118672000 -1.572501000
 6 4.851626000 -3.211061000 -1.194585000
 1 6.534909000 -1.946134000 -0.728508000
 1 5.288718000 -4.127810000 -0.813300000
 6 3.756030000 1.729968000 -2.682860000
 1 4.737957000 1.720727000 -3.195016000
 1 3.149736000 2.500760000 -3.177737000
 1 2.052961000 0.343006000 -3.122391000
 6 2.833806000 -4.505675000 -1.855830000
 9 1.519926000 -4.393662000 -2.173859000
 9 3.382801000 -5.319112000 -2.805207000
 9 2.887604000 -5.219294000 -0.695818000
 1 3.972539000 2.107255000 -1.662945000



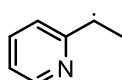
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6	3.077291000	0.365934000	-2.626203000
6	3.710171000	-0.877837000	-2.157133000
6	2.988639000	-2.080142000	-2.226322000
7	4.972146000	-0.824664000	-1.671918000
6	3.582099000	-3.261312000	-1.783823000
1	1.977744000	-2.075157000	-2.623454000
6	5.525832000	-1.968026000	-1.251725000
6	4.882979000	-3.208848000	-1.283232000
1	3.039411000	-4.201408000	-1.829502000
1	6.541503000	-1.893919000	-0.866778000
1	5.391863000	-4.098355000	-0.925709000
6	3.647639000	1.577222000	-2.617826000
1	4.658776000	1.726180000	-2.247918000
1	3.111803000	2.449554000	-2.982858000
1	2.062239000	0.251373000	-3.003753000



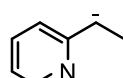
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6	3.095352000	0.349636000	-2.616204000
6	3.703021000	-0.854045000	-2.164154000
6	2.989132000	-2.094875000	-2.223519000
7	5.013004000	-0.820323000	-1.656653000
6	3.562098000	-3.268717000	-1.790363000
1	1.974794000	-2.087597000	-2.622412000
6	5.529207000	-1.988680000	-1.246718000
6	4.897244000	-3.229392000	-1.273995000
1	3.011187000	-4.206027000	-1.839774000
1	6.550008000	-1.932909000	-0.856492000
1	5.403916000	-4.121332000	-0.916912000
6	3.641300000	1.621568000	-2.628204000
1	4.649232000	1.810525000	-2.266708000
1	3.073808000	2.471046000	-3.001573000
1	2.076833000	0.231716000	-2.994473000



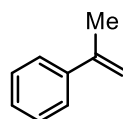
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6	3.130100000	0.360323000	-2.533015000
6	3.729172000	-0.851475000	-2.119923000
6	2.988052000	-2.067384000	-2.200031000
7	5.019468000	-0.837973000	-1.647043000
6	3.571536000	-3.257011000	-1.797909000
1	1.970348000	-2.039162000	-2.578888000
6	5.551048000	-1.999903000	-1.267741000
6	4.888265000	-3.234111000	-1.316977000
1	3.017627000	-4.190190000	-1.854877000
1	6.574715000	-1.957203000	-0.897486000
1	5.391214000	-4.138301000	-0.989521000
6	3.781221000	1.700275000	-2.508072000
1	4.831037000	1.632550000	-2.210607000
1	3.720296000	2.181180000	-3.496189000
1	2.104675000	0.300257000	-2.891526000
1	3.263085000	2.375144000	-1.807542000



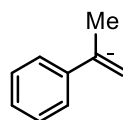
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6	3.665732000	-0.791638000	-2.188353000
6	2.962192000	-2.068134000	-2.235297000
7	4.966965000	-0.768063000	-1.653745000
6	3.551514000	-3.217170000	-1.775579000
1	1.953478000	-2.086666000	-2.646888000
6	5.487128000	-1.924699000	-1.222931000
6	4.870714000	-3.174425000	-1.241808000
1	3.008190000	-4.161137000	-1.820060000
1	6.501956000	-1.849380000	-0.818599000
1	5.374764000	-4.060287000	-0.867027000
6	3.771904000	1.713241000	-2.623314000
1	4.740440000	1.724197000	-3.156936000
1	3.144016000	2.483038000	-3.092698000
1	2.076514000	0.317863000	-3.053047000
1	4.005706000	2.075205000	-1.603427000



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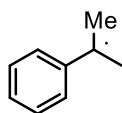
6	3.011535000	0.379646000	-2.649814000
6	3.683455000	-0.863163000	-2.183358000
6	3.089473000	-2.121587000	-2.396657000
6	4.919633000	-0.828212000	-1.506259000
6	3.713305000	-3.297301000	-1.971278000
1	2.134017000	-2.188307000	-2.906205000
6	5.542076000	-2.000136000	-1.080349000
1	5.389773000	0.126780000	-1.292973000
6	4.943371000	-3.243964000	-1.312593000
1	3.233554000	-4.255034000	-2.155359000
1	6.492693000	-1.942059000	-0.556672000
1	5.427191000	-4.157068000	-0.976530000
6	3.664534000	1.545312000	-2.788803000
1	4.729072000	1.649359000	-2.596641000
1	3.136324000	2.436815000	-3.118990000
6	1.541100000	0.291344000	-2.991452000
1	1.376306000	-0.351795000	-3.866760000
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1	1.136967000	1.283322000	-3.218625000



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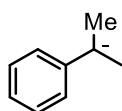
6	3.017807000	0.366891000	-2.613005000
6	3.658764000	-0.836047000	-2.180666000
6	3.017913000	-2.129280000	-2.254512000
6	5.003184000	-0.854536000	-1.633451000
6	3.642291000	-3.292106000	-1.834401000
1	2.008698000	-2.195046000	-2.653981000
6	5.611107000	-2.027560000	-1.218554000
1	5.552219000	0.079854000	-1.545498000
6	4.957243000	-3.278781000	-1.303547000

1	3.105194000	-4.237284000	-1.916211000
1	6.623430000	-1.979615000	-0.815397000
1	5.443675000	-4.193351000	-0.974922000
6	3.585798000	1.640142000	-2.565715000
1	4.587872000	1.826300000	-2.186639000
1	3.026516000	2.505007000	-2.916424000
6	1.607223000	0.255481000	-3.168423000
1	1.555793000	-0.402371000	-4.050623000
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1	1.224389000	1.239740000	-3.465020000



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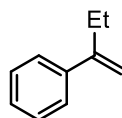
6	2.990086000	0.372951000	-2.606318000
6	3.642770000	-0.816034000	-2.162946000
6	3.014752000	-2.093481000	-2.261071000
6	4.953822000	-0.782675000	-1.600815000
6	3.655362000	-3.248288000	-1.827661000
1	2.017095000	-2.163450000	-2.682652000
6	5.584836000	-1.943952000	-1.170632000
1	5.467353000	0.168946000	-1.507785000
6	4.945060000	-3.187978000	-1.278511000
1	3.149302000	-4.206589000	-1.916413000
1	6.584367000	-1.884473000	-0.746711000
1	5.442100000	-4.093239000	-0.941069000
6	3.676083000	1.705476000	-2.490981000
1	4.625899000	1.726503000	-3.048143000
1	3.039726000	2.508782000	-2.875973000
6	1.608263000	0.308318000	-3.194448000
1	1.572940000	-0.335153000	-4.087604000
1	0.881176000	-0.118680000	-2.485920000
1	1.257024000	1.304842000	-3.480907000
1	3.933080000	1.944800000	-1.447102000



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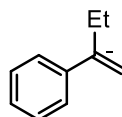
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6	3.631267000	-0.789521000	-2.181530000
6	3.018249000	-2.109588000	-2.253441000
6	4.965377000	-0.795928000	-1.595330000
6	3.675407000	-3.259105000	-1.841436000
1	2.007036000	-2.193414000	-2.646043000
6	5.595929000	-1.963400000	-1.192308000
1	5.484000000	0.152358000	-1.470846000
6	4.980341000	-3.227941000	-1.305662000
1	3.157121000	-4.215378000	-1.929835000
1	6.598372000	-1.893679000	-0.766705000
1	5.482393000	-4.135268000	-0.979972000
6	3.670676000	1.713494000	-2.480326000
1	4.706043000	1.729846000	-2.869786000
1	3.114533000	2.488406000	-3.027168000
6	1.597056000	0.314496000	-3.181034000
1	1.466629000	-0.455694000	-3.964453000
1	0.809696000	0.086494000	-2.430868000

1	1.318852000	1.276949000	-3.633915000
1	3.759679000	2.076831000	-1.434025000



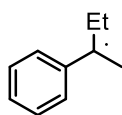
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6	3.161408000	-2.154902000	-2.514101000
6	4.840050000	-0.864751000	-1.359407000
6	3.831402000	-3.331956000	-2.170969000
1	2.250270000	-2.218732000	-3.099970000
6	5.509019000	-2.038651000	-1.015188000
1	5.223665000	0.090114000	-1.012648000
6	5.009330000	-3.280776000	-1.421723000
1	3.429319000	-4.289861000	-2.490566000
1	6.415245000	-1.984527000	-0.417441000
1	5.527778000	-4.196372000	-1.150125000
6	3.614044000	1.521861000	-2.620472000
1	4.690269000	1.582918000	-2.480472000
1	3.102514000	2.445987000	-2.872037000
6	1.456855000	0.251821000	-2.747723000
1	1.289088000	-0.390098000	-3.624251000
1	1.006999000	-0.290285000	-1.904063000
6	0.724207000	1.577095000	-2.959575000
1	-0.349303000	1.396430000	-3.088450000
1	0.860608000	2.246080000	-2.100821000
1	1.091880000	2.097056000	-3.852532000



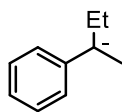
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6	3.202981000	0.506163000	-2.921976000
6	3.670574000	-0.692508000	-2.294249000
6	2.869412000	-1.890820000	-2.183180000
6	4.999126000	-0.800675000	-1.718207000
6	3.337143000	-3.044805000	-1.576567000
1	1.860569000	-1.894260000	-2.586817000
6	5.449740000	-1.963728000	-1.115385000
1	5.668409000	0.054673000	-1.766271000
6	4.640131000	-3.118472000	-1.022110000
1	2.681371000	-3.914202000	-1.526534000
1	6.459248000	-1.982823000	-0.702992000
1	5.001189000	-4.025108000	-0.544025000
6	3.935924000	1.689268000	-3.031123000
1	4.933891000	1.811729000	-2.616918000
1	3.506490000	2.553653000	-3.534015000
6	1.784746000	0.530423000	-3.475654000
1	1.685324000	1.372393000	-4.173959000
1	1.571824000	-0.379535000	-4.056194000
6	0.711319000	0.675053000	-2.381898000
1	-0.299693000	0.706495000	-2.812283000
1	0.754607000	-0.163348000	-1.676346000
1	0.870996000	1.602097000	-1.815493000



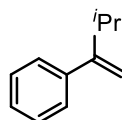
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6	3.169160000	0.406804000	-2.963383000
6	3.679343000	-0.764516000	-2.331711000
6	2.877684000	-1.932449000	-2.145331000
6	5.022386000	-0.825403000	-1.848806000
6	3.385743000	-3.067385000	-1.525491000
1	1.845172000	-1.930539000	-2.478514000
6	5.520516000	-1.967793000	-1.234290000
1	5.672231000	0.034512000	-1.976021000
6	4.710530000	-3.100528000	-1.063817000
1	2.745358000	-3.936395000	-1.394998000
1	6.550025000	-1.980313000	-0.884537000
1	5.103431000	-3.990853000	-0.580870000
6	3.974343000	1.674669000	-3.022877000
1	4.503655000	1.880197000	-2.083144000
1	3.325371000	2.529903000	-3.244830000
6	1.781801000	0.455512000	-3.543182000
1	1.762985000	1.191388000	-4.357622000
1	1.495887000	-0.510335000	-3.977079000
6	0.734997000	0.860189000	-2.484658000
1	-0.263650000	0.936405000	-2.933717000
1	0.699113000	0.116885000	-1.678898000
1	0.989514000	1.831757000	-2.042347000
1	4.742717000	1.633996000	-3.813279000



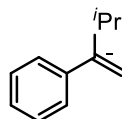
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6	2.873301000	-1.929513000	-2.157049000
6	5.013902000	-0.810883000	-1.822231000
6	3.394513000	-3.068063000	-1.562490000
1	1.835878000	-1.937311000	-2.484298000
6	5.506060000	-1.965221000	-1.230840000
1	5.663200000	0.058770000	-1.897153000
6	4.722600000	-3.128790000	-1.087261000
1	2.747930000	-3.940286000	-1.453160000
1	6.533341000	-1.963138000	-0.862452000
1	5.117144000	-4.024986000	-0.615598000
6	4.038577000	1.659028000	-3.097520000
1	4.279512000	2.141501000	-2.127575000
1	3.542037000	2.426731000	-3.708372000
6	1.756659000	0.498611000	-3.498320000
1	1.686469000	1.268796000	-4.282921000
1	1.453316000	-0.447806000	-3.979227000
6	0.698887000	0.822812000	-2.419650000
1	-0.320079000	0.860550000	-2.835772000
1	0.714265000	0.059384000	-1.630193000
1	0.910111000	1.793398000	-1.949730000
1	5.024080000	1.467926000	-3.565125000



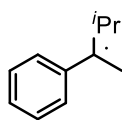
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6	3.001939000	0.381642000	-2.640302000
6	3.686733000	-0.862290000	-2.189414000
6	3.209638000	-2.135685000	-2.555546000
6	4.832245000	-0.805721000	-1.369470000
6	3.864682000	-3.299152000	-2.144543000
1	2.325482000	-2.226065000	-3.176656000
6	5.486425000	-1.965884000	-0.957859000
1	5.200106000	0.158486000	-1.032398000
6	5.008717000	-3.222176000	-1.347161000
1	3.477248000	-4.267289000	-2.450897000
1	6.364129000	-1.888975000	-0.321347000
1	5.515860000	-4.127121000	-1.023727000
6	3.660951000	1.549891000	-2.714362000
1	4.720028000	1.632175000	-2.484726000
1	3.160877000	2.461889000	-3.027339000
6	1.540438000	0.275264000	-3.071931000
1	1.088893000	-0.565871000	-2.532246000
6	0.713662000	1.525711000	-2.746668000
1	-0.340422000	1.342588000	-2.989049000
1	0.787068000	1.789348000	-1.684716000
1	1.045127000	2.387787000	-3.338246000
6	1.451673000	-0.020821000	-4.582020000
1	2.023188000	-0.912976000	-4.862109000
1	0.406137000	-0.171295000	-4.880377000
1	1.854001000	0.829937000	-5.146897000



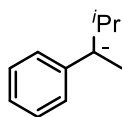
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6	2.950439000	0.407815000	-2.472246000
6	3.624617000	-0.815099000	-2.137300000
6	3.051425000	-2.128612000	-2.339250000
6	4.961151000	-0.832352000	-1.567499000
6	3.722920000	-3.295670000	-2.012909000
1	2.057478000	-2.219868000	-2.766826000
6	5.617299000	-2.009605000	-1.247654000
1	5.467499000	0.108574000	-1.369990000
6	5.027211000	-3.276141000	-1.459755000
1	3.228388000	-4.250492000	-2.192601000
1	6.618688000	-1.950120000	-0.819449000
1	5.551176000	-4.194780000	-1.209678000
6	3.520173000	1.673745000	-2.325205000
1	4.537496000	1.817541000	-1.971125000
1	2.973219000	2.575434000	-2.580361000
6	1.545844000	0.298822000	-3.078281000
1	0.996123000	-0.486058000	-2.539661000
6	0.690820000	1.569693000	-2.970585000
1	-0.328799000	1.362605000	-3.320801000
1	0.635771000	1.933824000	-1.937144000
1	1.096286000	2.377875000	-3.592559000
6	1.619029000	-0.126626000	-4.558328000
1	2.171067000	-1.065968000	-4.677065000
1	0.613831000	-0.260539000	-4.983845000
1	2.135674000	0.649399000	-5.139886000



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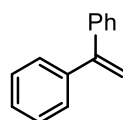
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6	3.662055000	-0.870023000	-2.204686000
6	3.107454000	-2.175627000	-2.381818000
6	4.939633000	-0.805149000	-1.566947000
6	3.778053000	-3.314472000	-1.952671000
1	2.154206000	-2.290993000	-2.886295000
6	5.596496000	-1.950429000	-1.133633000
1	5.398979000	0.162004000	-1.391057000
6	5.026489000	-3.218522000	-1.320144000
1	3.327060000	-4.290471000	-2.115048000
1	6.561494000	-1.856812000	-0.641253000
1	5.544672000	-4.111680000	-0.982539000
6	3.679514000	1.639582000	-2.695310000
1	3.516872000	2.229857000	-1.778439000
1	3.285202000	2.239128000	-3.525307000
6	1.548891000	0.269009000	-3.119820000
1	1.053437000	-0.614128000	-2.702824000
6	0.738385000	1.493272000	-2.659330000
1	-0.309184000	1.377826000	-2.964312000
1	0.769758000	1.604247000	-1.568250000
1	1.118849000	2.418231000	-3.108783000
6	1.504473000	0.152141000	-4.657242000
1	2.008276000	-0.761344000	-4.995886000
1	0.465135000	0.129281000	-5.011094000
1	2.004512000	1.014048000	-5.118452000
1	4.761193000	1.541969000	-2.834628000



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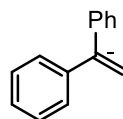
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6	3.056936000	-2.135129000	-2.334930000
6	4.969863000	-0.796232000	-1.642278000
6	3.749806000	-3.280442000	-1.972658000
1	2.062596000	-2.246534000	-2.759232000
6	5.637538000	-1.960221000	-1.290799000
1	5.481844000	0.154682000	-1.516274000
6	5.053617000	-3.235257000	-1.436152000
1	3.265892000	-4.247281000	-2.120686000
1	6.651766000	-1.877895000	-0.896321000
1	5.589235000	-4.141218000	-1.164596000
6	3.637141000	1.705792000	-2.340424000
1	4.068244000	1.856571000	-1.332606000
1	2.968718000	2.555399000	-2.520107000
6	1.536862000	0.308993000	-3.103412000
1	0.964163000	-0.485592000	-2.595256000
6	0.699434000	1.589697000	-2.954369000
1	-0.328467000	1.417214000	-3.300582000
1	0.660003000	1.925263000	-1.909359000
1	1.113873000	2.410976000	-3.554174000
6	1.576685000	-0.082971000	-4.598415000
1	2.131552000	-1.019491000	-4.736182000
1	0.566187000	-0.218165000	-5.016404000
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1 4.496988000 1.836734000 -3.030680000



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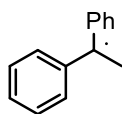
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6	1.280487000	0.391031000	-0.036212000
6	1.382576000	-0.817770000	-0.747958000
6	2.426229000	0.879789000	0.616935000
6	2.595099000	-1.505479000	-0.820774000
1	0.506774000	-1.213592000	-1.252821000
6	3.638120000	0.191160000	0.547535000
1	2.355926000	1.797720000	1.193310000
6	3.728429000	-1.004142000	-0.173130000
1	2.653812000	-2.433311000	-1.383583000
1	4.509698000	0.582835000	1.065308000
1	4.670699000	-1.543042000	-0.222784000
6	0.000014000	2.496759000	0.000054000
1	0.925827000	3.061357000	-0.071541000
1	-0.925768000	3.061420000	0.071410000
6	-1.280481000	0.390973000	0.036111000
6	-2.426180000	0.879730000	-0.617003000
6	-1.382581000	-0.817790000	0.748007000
6	-3.638157000	0.191128000	-0.547593000
6	-2.595082000	-1.505417000	0.820829000
6	-3.728458000	-1.004067000	0.173111000
1	-2.355939000	1.797705000	-1.193295000
1	-0.506725000	-1.213486000	1.252895000
1	-4.509709000	0.582913000	-1.065331000
1	-2.654009000	-2.433215000	1.383662000
1	-4.670652000	-1.543084000	0.222871000



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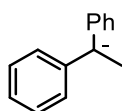
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6	2.468198000	0.966501000	0.480916000
6	2.670208000	-1.582639000	-0.620440000
1	0.567347000	-1.453099000	-0.979605000
6	3.705315000	0.330274000	0.416314000
1	2.398696000	1.949608000	0.938188000
6	3.831131000	-0.954046000	-0.132608000
1	2.737550000	-2.573426000	-1.066449000
1	4.584300000	0.839762000	0.808249000
1	4.797447000	-1.448601000	-0.184234000
6	-0.000004000	2.482548000	0.000009000
1	0.911278000	3.048724000	-0.173448000
1	-0.911298000	3.048714000	0.173434000
6	-1.271428000	0.351381000	-0.000313000
6	-2.468192000	0.966499000	-0.480922000
6	-1.433829000	-0.949935000	0.561467000
6	-3.705310000	0.330272000	-0.416328000
6	-2.670211000	-1.582636000	0.620444000
6	-3.831130000	-0.954045000	0.132599000
1	-2.398686000	1.949606000	-0.938195000
1	-0.567352000	-1.453093000	0.979624000

1	-4.584292000	0.839760000	-0.808271000
1	-2.737558000	-2.573421000	1.066458000
1	-4.797446000	-1.448600000	0.184221000



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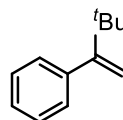
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6	1.270330000	0.308264000	-0.008703000
6	1.381595000	-1.025069000	-0.492665000
6	2.479883000	0.954384000	0.369701000
6	2.610557000	-1.671930000	-0.563543000
1	0.493921000	-1.538329000	-0.844745000
6	3.705621000	0.298508000	0.302267000
1	2.449709000	1.974686000	0.736397000
6	3.784106000	-1.021123000	-0.159705000
1	2.656696000	-2.687711000	-0.947858000
1	4.607343000	0.819959000	0.613375000
1	4.742491000	-1.529816000	-0.214256000
6	0.049133000	2.522407000	0.124575000
1	0.694541000	2.960111000	-0.649303000
1	-0.944923000	2.968266000	0.046491000
6	-1.277499000	0.335785000	0.035948000
6	-2.424312000	0.929325000	-0.551021000
6	-1.453014000	-0.928199000	0.656858000
6	-3.660490000	0.288211000	-0.536266000
6	-2.693080000	-1.560771000	0.678341000
6	-3.806624000	-0.961391000	0.077624000
1	-2.334522000	1.888184000	-1.051595000
1	-0.607977000	-1.394923000	1.151780000
1	-4.514576000	0.764414000	-1.010920000
1	-2.793894000	-2.521861000	1.175982000
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1	0.468129000	2.838256000	1.092768000



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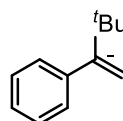
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6	1.267226000	0.343007000	0.067768000
6	1.462070000	-1.030123000	-0.323708000
6	2.497322000	1.054718000	0.309657000
6	2.717471000	-1.618399000	-0.407727000
1	0.603306000	-1.626450000	-0.611047000
6	3.748413000	0.449029000	0.228836000
1	2.462364000	2.108453000	0.565842000
6	3.891539000	-0.901633000	-0.118022000
1	2.783599000	-2.659829000	-0.721309000
1	4.632773000	1.050083000	0.438601000
1	4.869951000	-1.370599000	-0.179291000
6	0.022679000	2.520101000	0.255641000
1	0.483376000	3.041950000	-0.603920000
1	-0.982337000	2.935010000	0.383962000
6	-1.280780000	0.344898000	0.055763000
6	-2.452083000	1.009778000	-0.439518000
6	-1.516890000	-0.992621000	0.517211000
6	-3.702832000	0.400706000	-0.483893000
6	-2.769560000	-1.596123000	0.464787000
6	-3.888612000	-0.917225000	-0.041396000

1	-2.360807000	2.020863000	-0.826691000
1	-0.701129000	-1.541918000	0.975430000
1	-4.546098000	0.961231000	-0.885210000
1	-2.879233000	-2.610117000	0.847265000
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1	0.599183000	2.847753000	1.137869000



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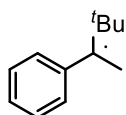
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6	4.538662000	-0.794643000	-1.209920000
6	4.004275000	-3.270602000	-2.363253000
1	2.651457000	-2.219779000	-3.651064000
6	5.188319000	-1.936922000	-0.738285000
1	4.734428000	0.168895000	-0.748507000
6	4.923881000	-3.182772000	-1.313816000
1	3.791480000	-4.232564000	-2.822308000
1	5.893689000	-1.853427000	0.084537000
1	5.424608000	-4.074662000	-0.946853000
6	3.756214000	1.466408000	-2.943555000
1	4.830372000	1.403915000	-2.784902000
1	3.368387000	2.427564000	-3.266585000
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6	0.896102000	1.857789000	-2.810936000
1	-0.193586000	1.839122000	-2.935057000
1	1.125384000	2.220546000	-1.801613000
1	1.300677000	2.571197000	-3.537370000
6	1.160593000	0.043221000	-4.491781000
1	1.478247000	-0.978944000	-4.721310000
1	0.080631000	0.109110000	-4.680411000
1	1.674766000	0.725859000	-5.179371000
6	0.683936000	-0.505986000	-2.081353000
1	0.941203000	-1.556293000	-2.246730000
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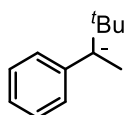
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6	4.838803000	-0.844414000	-1.459866000
6	3.815038000	-3.312944000	-2.237523000
1	2.163890000	-2.283735000	-3.050348000
6	5.537399000	-2.006491000	-1.177195000
1	5.236039000	0.091783000	-1.078685000
6	5.060391000	-3.277594000	-1.565714000
1	3.396819000	-4.270887000	-2.547216000
1	6.475493000	-1.929469000	-0.626006000
1	5.616614000	-4.185728000	-1.349287000
6	3.578011000	1.633388000	-2.350153000
1	4.639739000	1.683768000	-2.125695000
1	3.092297000	2.585851000	-2.522278000

6	1.453044000	0.427959000	-3.019429000
6	0.866439000	1.853719000	-3.102091000
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1	0.890849000	2.354942000	-2.126853000
1	1.408933000	2.476252000	-3.823195000
6	1.380097000	-0.125560000	-4.463337000
1	1.739134000	-1.153440000	-4.556218000
1	0.343810000	-0.095394000	-4.830400000
1	1.992574000	0.501809000	-5.124630000
6	0.495103000	-0.344616000	-2.082645000
1	0.791317000	-1.381075000	-1.909581000
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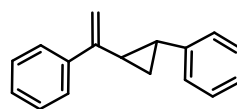
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6	3.821918000	-3.288168000	-2.092257000
1	1.969407000	-2.283564000	-2.395183000
6	5.769795000	-1.904064000	-1.768715000
1	5.467914000	0.206850000	-1.869579000
6	5.198305000	-3.180622000	-1.855143000
1	3.354451000	-4.268514000	-2.143187000
1	6.836987000	-1.796612000	-1.590431000
1	5.810288000	-4.070175000	-1.734889000
6	3.281475000	1.633185000	-1.673919000
1	4.084211000	1.456823000	-0.953148000
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6	1.472131000	0.429057000	-3.079136000
6	1.159086000	1.878995000	-3.515736000
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1	1.018348000	2.548368000	-2.660937000
1	1.960542000	2.283940000	-4.145734000
6	1.473737000	-0.406569000	-4.379398000
1	1.609108000	-1.476581000	-4.212633000
1	0.514285000	-0.266786000	-4.893602000
1	2.272156000	-0.063689000	-5.049865000
6	0.318858000	-0.024745000	-2.152191000
1	0.423538000	-1.068583000	-1.839611000
1	0.289960000	0.601039000	-1.251009000
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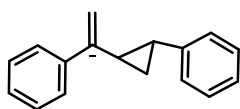
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6	4.912035000	-0.795470000	-1.658281000
6	3.805767000	-3.289608000	-2.181832000
1	2.074526000	-2.294211000	-2.871655000
6	5.629446000	-1.953085000	-1.392657000
1	5.387584000	0.155092000	-1.437167000

6	5.106539000	-3.236362000	-1.642540000
1	3.353587000	-4.259523000	-2.395056000
1	6.633069000	-1.853848000	-0.975747000
1	5.675609000	-4.137979000	-1.431449000
6	3.604677000	1.684720000	-2.129616000
1	3.895200000	1.756048000	-1.061883000
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6	0.917130000	1.882689000	-3.232544000
1	-0.097444000	1.846034000	-3.651858000
1	0.867439000	2.418756000	-2.276084000
1	1.545030000	2.464491000	-3.919451000
6	1.384330000	-0.184794000	-4.470793000
1	1.771594000	-1.206938000	-4.499354000
1	0.349998000	-0.204200000	-4.847236000
1	1.985820000	0.415894000	-5.166728000
6	0.416075000	-0.250054000	-2.125733000
1	0.690654000	-1.279588000	-1.880540000
1	0.339443000	0.305263000	-1.180909000
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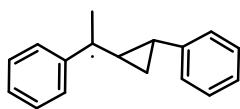
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6	3.569424000	0.863351000	0.806493000
6	3.887685000	-1.661693000	-0.333921000
1	1.862270000	-1.440584000	-1.022356000
6	4.780219000	0.184813000	0.940977000
1	3.442949000	1.832990000	1.279212000
6	4.946622000	-1.081763000	0.369507000
1	4.003238000	-2.646150000	-0.779844000
1	5.591505000	0.639783000	1.503189000
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1	2.026135000	2.974534000	0.089068000
1	0.187364000	2.883817000	-0.109484000
6	0.007990000	0.159726000	-0.314899000
1	-0.068311000	-0.695425000	0.355737000
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6	-2.593784000	0.173452000	-0.242065000
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6	-4.865904000	0.571103000	0.543238000
6	-5.022005000	-0.789454000	0.823149000
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1	-4.073601000	-2.729148000	0.781073000
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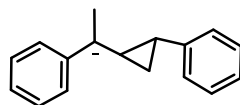
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6	-3.920501000	-1.701542000	0.071228000
1	-1.799750000	-1.723460000	0.300919000
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1	-3.643655000	2.115677000	-0.592064000
6	-5.095509000	-0.951130000	-0.184843000
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1	-6.074286000	-1.422999000	-0.202810000
6	-0.957273000	2.293525000	-0.303135000
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6	-0.011390000	0.023581000	0.105132000
1	0.177667000	-0.706363000	-0.686848000
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6	0.343673000	-0.488199000	1.479610000
1	-0.246310000	-0.127220000	2.320183000
1	0.713128000	-1.508270000	1.577546000
6	2.597230000	0.119988000	0.291161000
6	2.857499000	-1.170303000	-0.202923000
6	3.645878000	1.053638000	0.296081000
6	4.124406000	-1.512480000	-0.679184000
6	4.915294000	0.713633000	-0.179161000
6	5.160631000	-0.571637000	-0.671195000
1	2.060469000	-1.909290000	-0.213829000
1	3.458096000	2.054879000	0.677553000
1	4.303214000	-2.515688000	-1.058155000
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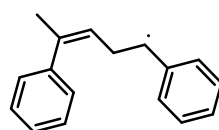
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6	-3.843838000	-1.755330000	-0.163208000
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1	-3.595090000	2.104629000	-0.453932000
6	-4.994585000	-0.996154000	-0.422085000
1	-3.916703000	-2.836506000	-0.073881000
1	-5.767317000	0.999999000	-0.717592000
1	-5.959473000	-1.481518000	-0.539094000
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6	0.009094000	0.066681000	0.264520000
1	0.131107000	-0.757155000	-0.440039000
6	1.317082000	0.611026000	0.812811000
1	1.318665000	1.662167000	1.090019000

6	0.455401000	-0.288351000	1.675161000
1	-0.077596000	0.176330000	2.501651000
1	0.803840000	-1.303801000	1.854920000
6	2.615707000	0.133904000	0.259871000
6	2.821087000	-1.208396000	-0.100887000
6	3.670373000	1.042356000	0.084378000
6	4.045635000	-1.626558000	-0.624398000
6	4.897653000	0.625564000	-0.438373000
6	5.090607000	-0.711766000	-0.796562000
1	2.018180000	-1.929501000	0.029576000
1	3.522172000	2.083499000	0.361971000
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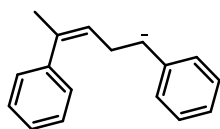
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6	-5.201518000	-0.668793000	0.253536000
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1	-6.219938000	-1.018605000	0.401311000
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1	0.379941000	-0.732655000	-1.025117000
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1	1.030719000	1.228228000	1.252151000
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6	4.330342000	-1.300005000	-0.731414000
6	4.900991000	0.857421000	0.189240000
6	5.288157000	-0.313910000	-0.469441000
1	2.269476000	-1.892687000	-0.545986000
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1	4.618582000	-2.215967000	-1.241564000
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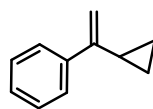
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6	4.640588000	-3.489101000	-1.519888000
1	3.827574000	-3.666229000	-3.512174000
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1	4.605696000	-4.556390000	-1.318317000
6	5.987064000	1.485929000	-1.745491000
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6	1.465961000	1.944022000	-3.523514000
1	1.696088000	2.924874000	-3.111858000
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1	0.477795000	-0.346267000	-4.612120000
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1	-1.824617000	-0.695920000	-5.429881000
1	-2.846195000	3.348347000	-4.342053000
1	-3.500751000	1.142658000	-5.304528000
1	5.971641000	1.490937000	-0.646960000
6	2.553985000	0.911988000	-3.562934000
1	2.692774000	0.578250000	-4.607840000
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1	4.026595000	2.492487000	-3.155201000



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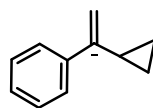
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6	5.418620000	-0.762552000	-0.832733000
6	4.949848000	-3.239581000	-2.022269000
1	3.952121000	-2.132079000	-3.572419000
6	5.896923000	-1.928240000	-0.231444000
1	5.610880000	0.196378000	-0.360412000
6	5.661796000	-3.175044000	-0.820182000
1	4.777258000	-4.199280000	-2.503051000
1	6.455710000	-1.862200000	0.698863000
1	6.037816000	-4.082275000	-0.354810000
6	5.067359000	1.660702000	-2.528356000
1	6.106923000	1.448026000	-2.815254000
1	4.692977000	2.480297000	-3.152928000
6	3.010084000	0.523625000	-3.332640000
6	0.590397000	0.240854000	-2.946714000
1	0.345066000	0.195438000	-1.885145000
6	-0.110760000	1.132771000	-3.755232000
6	0.231279000	1.395335000	-5.141121000
6	-1.263613000	1.874404000	-3.280668000
6	-0.511132000	2.261301000	-5.936073000
6	-1.984901000	2.732952000	-4.093180000

6	-1.634853000	2.950217000	-5.444511000
1	1.099824000	0.899284000	-5.568255000
1	-1.567303000	1.736591000	-2.242199000
1	-0.201855000	2.411578000	-6.971308000
1	-2.844139000	3.255499000	-3.671112000
1	-2.205515000	3.627335000	-6.074477000
1	5.097667000	2.022390000	-1.489833000
6	1.855288000	-0.454317000	-3.395018000
1	1.753111000	-0.848858000	-4.422710000
1	2.062875000	-1.322274000	-2.758746000
1	2.783073000	1.482235000	-3.801879000



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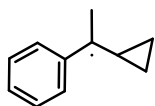
6	0.928883000	0.701293000	-0.058898000
6	-0.497866000	0.277031000	-0.040332000
6	-0.838849000	-1.085618000	0.046324000
6	-1.543314000	1.217477000	-0.116667000
6	-2.175113000	-1.491437000	0.078726000
1	-0.050914000	-1.829897000	0.103331000
6	-2.877327000	0.813374000	-0.082256000
1	-1.305554000	2.271782000	-0.223506000
6	-3.200769000	-0.544489000	0.018061000
1	-2.413043000	-2.549336000	0.153592000
1	-3.666364000	1.558145000	-0.146453000
1	-4.240417000	-0.859858000	0.039405000
6	1.307823000	1.925876000	0.342477000
1	0.594529000	2.643326000	0.739649000
1	2.346642000	2.239411000	0.297071000
6	1.912116000	-0.331052000	-0.513819000
1	1.607519000	-0.865052000	-1.412723000
6	3.397625000	-0.199688000	-0.291152000
1	3.769479000	0.685110000	0.219268000
6	2.612372000	-1.199222000	0.522616000
1	2.426230000	-0.957608000	1.567060000
1	2.728085000	-2.259577000	0.307686000
1	4.050310000	-0.577705000	-1.074866000



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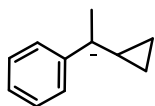
6	0.927167000	0.708510000	-0.182162000
6	-0.441932000	0.296643000	-0.098420000
6	-0.846472000	-1.085562000	-0.211200000
6	-1.530503000	1.233607000	0.103327000
6	-2.171836000	-1.479345000	-0.130008000
1	-0.083226000	-1.845379000	-0.357637000
6	-2.850875000	0.820326000	0.184149000
1	-1.309264000	2.294921000	0.186006000
6	-3.214650000	-0.540495000	0.072528000
1	-2.412097000	-2.538709000	-0.222397000
1	-3.627292000	1.571109000	0.335649000
1	-4.252907000	-0.855026000	0.136899000
6	1.376910000	2.023375000	-0.042849000
1	0.706008000	2.849506000	0.179118000
1	2.427747000	2.265972000	-0.171619000
6	1.940530000	-0.372649000	-0.458525000
1	1.790356000	-0.916636000	-1.394262000

6	3.379361000	-0.260623000	-0.017136000
1	3.665191000	0.624422000	0.546868000
6	2.464959000	-1.255166000	0.663465000
1	2.131350000	-1.020589000	1.673055000
1	2.614366000	-2.316278000	0.468157000
1	4.153808000	-0.645041000	-0.678841000



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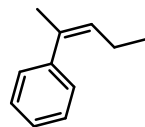
6	-0.867859000	0.393807000	0.023369000
6	0.535832000	0.113257000	0.009653000
6	1.490422000	1.176824000	-0.031322000
6	1.068887000	-1.212239000	0.039497000
6	2.858180000	0.930532000	-0.047368000
1	1.143332000	2.203942000	-0.063179000
6	2.438451000	-1.445852000	0.026409000
1	0.402342000	-2.065970000	0.091104000
6	3.351469000	-0.381629000	-0.018493000
1	3.549164000	1.769420000	-0.084450000
1	2.801675000	-2.470358000	0.055677000
1	4.421182000	-0.570866000	-0.029572000
6	-1.338436000	1.822015000	0.107823000
1	-0.829565000	2.365087000	0.915239000
1	-2.414815000	1.890810000	0.288438000
6	-1.880752000	-0.673931000	-0.083233000
1	-1.502644000	-1.678215000	-0.237452000
6	-3.183069000	-0.618376000	0.721618000
1	-3.334779000	0.248575000	1.360819000
6	-3.228152000	-0.416874000	-0.762141000
1	-3.414206000	0.586600000	-1.137645000
1	-3.620628000	-1.218631000	-1.383879000
1	-3.544414000	-1.558950000	1.131768000
1	-1.126473000	2.373356000	-0.821732000



(s, G = -267949.97)

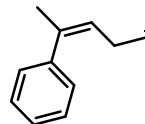
6	-0.861417000	0.400450000	-0.000164000
6	0.503689000	0.113791000	-0.000032000
6	1.507445000	1.174230000	0.000107000
6	1.085878000	-1.223419000	0.000013000
6	2.871425000	0.918915000	0.000069000
1	1.172992000	2.208574000	0.000311000
6	2.453270000	-1.445197000	-0.000012000
1	0.430250000	-2.091204000	-0.000004000
6	3.392010000	-0.390011000	-0.000035000
1	3.556911000	1.768203000	0.000151000
1	2.808356000	-2.477034000	-0.000019000
1	4.462237000	-0.579170000	-0.000092000
6	-1.318805000	1.842710000	-0.000233000
1	-0.963397000	2.416059000	0.877398000
1	-2.413314000	1.923100000	-0.000990000
6	-1.911628000	-0.661318000	0.000221000
1	-1.529968000	-1.679483000	0.000663000
6	-3.231007000	-0.527095000	0.756857000
1	-3.427192000	0.420775000	1.256921000
6	-3.230865000	-0.527735000	-0.756814000

1	-3.426854000	0.419733000	-1.257723000
1	-3.633877000	-1.399389000	-1.272220000
1	-3.634069000	-1.398362000	1.272874000
1	-0.962036000	2.416263000	-0.877131000



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6	-0.827832000	0.433148000	-0.103781000
6	0.623689000	0.116269000	-0.039311000
6	1.582992000	1.145921000	-0.105682000
6	1.094021000	-1.205822000	0.100122000
6	2.950803000	0.865754000	-0.061456000
1	1.258593000	2.176917000	-0.204159000
6	2.458948000	-1.486374000	0.143758000
1	0.382893000	-2.020340000	0.198817000
6	3.398076000	-0.451952000	0.060920000
1	3.666355000	1.681799000	-0.122314000
1	2.790897000	-2.515256000	0.256969000
1	4.461750000	-0.670657000	0.100420000
6	-1.233956000	1.833238000	0.302159000
1	-0.730152000	2.124233000	1.232613000
1	-2.312343000	1.919144000	0.456026000
6	-1.721725000	-0.482623000	-0.530211000
1	-1.369616000	-1.472132000	-0.813651000
6	-3.820931000	-0.753226000	0.696738000
1	-3.758537000	-0.098317000	1.563174000
6	-3.227798000	-0.301821000	-0.604011000
1	-3.482824000	0.744995000	-0.805090000
1	-3.617019000	-0.905527000	-1.433071000
1	-4.008064000	-1.809972000	0.873368000
1	-0.939659000	2.570045000	-0.458575000



(s, G = -267944.87)

6	-0.807672000	0.499284000	-0.090497000
6	0.631651000	0.134249000	-0.034535000
6	1.628673000	1.131081000	-0.081787000
6	1.065444000	-1.204862000	0.078094000
6	2.987369000	0.806878000	-0.045442000
1	1.339354000	2.174403000	-0.159498000
6	2.420576000	-1.529868000	0.111015000
1	0.330223000	-1.999338000	0.165222000
6	3.394593000	-0.526057000	0.047689000
1	3.727875000	1.601831000	-0.090736000
1	2.718455000	-2.571634000	0.202098000
1	4.450756000	-0.780028000	0.079343000
6	-1.155138000	1.919774000	0.309342000
1	-0.623372000	2.208152000	1.226488000
1	-2.227639000	2.040153000	0.483264000
6	-1.741526000	-0.387260000	-0.504353000
1	-1.410631000	-1.387576000	-0.781894000
6	-3.818157000	-1.052904000	0.633487000
1	-3.639775000	-0.460013000	1.558236000
6	-3.237939000	-0.225720000	-0.532188000
1	-3.497663000	0.854507000	-0.592619000
1	-3.591240000	-0.652742000	-1.488685000

1	-4.925673000	-1.061175000	0.515710000
1	-0.857909000	2.645885000	-0.461880000