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benzene-benzene

C	0.696750	1.206800	1.829850
C	1.393500	0.000000	1.829850
C	0.696750	-1.206800	1.829850
C	-0.696750	-1.206800	1.829850
C	-1.393500	0.000000	1.829850
C	-0.696750	1.206800	1.829850
H	2.475190	0.000000	1.826710
H	1.237600	-2.143580	1.826710
H	-1.237600	-2.143580	1.826710
H	-2.475190	0.000000	1.826710
H	-1.237600	2.143580	1.826710
H	1.237600	2.143580	1.826710
C	1.393500	0.000000	-1.829850
C	0.696750	-1.206800	-1.829850
C	-0.696750	-1.206800	-1.829850
C	-1.393500	0.000000	-1.829850
C	-0.696750	1.206800	-1.829850
C	0.696750	1.206800	-1.829850
H	2.475190	0.000000	-1.826710
H	1.237600	-2.143580	-1.826710
H	-1.237600	-2.143580	-1.826710
H	-2.475190	0.000000	-1.826710
H	-1.237600	2.143580	-1.826710
H	1.237600	2.143580	-1.826710

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benzene-hexafluorobenzene

C	-1.207920	-0.697400	-2.332550
C	-1.207920	0.697400	-2.332550
C	0.000000	1.394790	-2.332550
C	1.207920	0.697400	-2.332550
C	1.207920	-0.697400	-2.332550
C	0.000000	-1.394790	-2.332550
H	-2.144740	-1.238270	-2.330460
H	-2.144740	1.238270	-2.330460
H	0.000000	2.476530	-2.330460
H	2.144740	1.238270	-2.330460
H	2.144740	-1.238270	-2.330460
H	0.000000	-2.476530	-2.330460
C	-1.202360	-0.694180	1.010080
C	-1.202360	0.694180	1.010080
C	0.000000	1.388360	1.010080
C	1.202360	0.694180	1.010080
C	1.202360	-0.694180	1.010080
C	0.000000	-1.388360	1.010080
F	-2.353040	-1.358530	0.959730
F	-2.353040	1.358530	0.959730
F	0.000000	2.717050	0.959730
F	2.353040	1.358530	0.959730
F	2.353040	-1.358530	0.959730
F	0.000000	-2.717050	0.959730

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benzene-hexachlorobenzene

C	-1.2079044	-0.6973839	-2.6359705
C	-1.2079044	0.6973839	-2.6359705
C	0.0000000	1.3947678	-2.6359705
C	1.2079044	0.6973839	-2.6359705
C	1.2079044	-0.6973839	-2.6359705
C	0.0000000	-1.3947678	-2.6359705
H	-2.1447033	-1.2382450	-2.6369329
H	-2.1447033	1.2382450	-2.6369329
H	0.0000000	2.4764901	-2.6369329

H	2.1447033	1.2382450	-2.6369329
H	2.1447033	-1.2382450	-2.6369329
H	0.0000000	-2.4764901	-2.6369329
C	-1.2126365	-0.7001160	0.7459717
C	-1.2126365	0.7001160	0.7459717
C	0.0000000	1.4002320	0.7459717
C	1.2126365	0.7001160	0.7459717
C	1.2126365	-0.7001160	0.7459717
C	0.0000000	-1.4002320	0.7459717
Cl	-2.6952575	-1.5561076	0.7152852
Cl	-2.6952575	1.5561076	0.7152852
Cl	0.0000000	3.1122153	0.7152852
Cl	2.6952575	1.5561076	0.7152852
Cl	2.6952575	-1.5561076	0.7152852
Cl	0.0000000	-3.1122153	0.7152852

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benzene-hexabromobenzene

C	-1.2030821	0.6945998	2.9422111
C	-1.2030821	-0.6945998	2.9422111
C	0.0000000	-1.3891996	2.9422111
C	1.2030821	-0.6945998	2.9422111
C	1.2030821	0.6945998	2.9422111
C	0.0000000	1.3891996	2.9422111
H	-2.1356756	1.2330329	2.9448751
H	-2.1356756	-1.2330329	2.9448751
H	0.0000000	-2.4660658	2.9448751
H	2.1356756	-1.2330329	2.9448751
H	2.1356756	1.2330329	2.9448751
H	0.0000000	2.4660658	2.9448751
C	-1.2084896	0.6977218	-0.4378447
C	-1.2084896	-0.6977218	-0.4378447
C	0.0000000	-1.3954436	-0.4378447
C	1.2084896	-0.6977218	-0.4378447
C	1.2084896	0.6977218	-0.4378447
C	0.0000000	1.3954436	-0.4378447
Br	-2.8178933	1.6269115	-0.4135788
Br	-2.8178933	-1.6269115	-0.4135788
Br	0.0000000	-3.2538230	-0.4135788
Br	2.8178933	-1.6269115	-0.4135788
Br	2.8178933	1.6269115	-0.4135788
Br	0.0000000	3.2538230	-0.4135788

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benzene-hexacyanobenzene

C	1.2157796	-0.7019307	-0.9042246
C	2.4470067	-1.4127800	-0.8488749
C	1.2157796	0.7019307	-0.9042246
C	0.0000000	1.4038614	-0.9042246
C	-1.2157796	0.7019307	-0.9042246
C	-1.2157796	-0.7019307	-0.9042246
C	0.0000000	-1.4038614	-0.9042246
C	2.4470067	1.4127800	-0.8488749
C	0.0000000	2.8255600	-0.8488749
C	-2.4470067	1.4127800	-0.8488749
C	-2.4470067	-1.4127800	-0.8488749
C	0.0000000	-2.8255600	-0.8488749
N	0.0000000	3.9999228	-0.7893237
N	-3.4640348	1.9999614	-0.7893237
N	-3.4640348	-1.9999614	-0.7893237
N	0.0000000	-3.9999228	-0.7893237
N	3.4640348	-1.9999614	-0.7893237
N	3.4640348	1.9999614	-0.7893237
C	1.2088345	-0.6979209	2.4653941
C	1.2088345	0.6979209	2.4653941

C	0.0000000	1.3958418	2.4653941
C	-1.2088345	0.6979209	2.4653941
C	-1.2088345	-0.6979209	2.4653941
C	0.0000000	-1.3958418	2.4653941
H	2.1459896	-1.2389877	2.4805739
H	2.1459896	1.2389877	2.4805739
H	0.0000000	2.4779754	2.4805739
H	-2.1459896	1.2389877	2.4805739
H	-2.1459896	-1.2389877	2.4805739
H	0.0000000	-2.4779754	2.4805739