

C₇₂: Gaudiene a Hollow and Aromatic All-Carbon Molecule

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Cartesian coordinates

72				C	-2.7282389	-3.7318211	0.0000000
Energy =				C	-3.7318211	-2.7282389	0.0000000
C	0.0000000	2.7282389	-3.7318211	C	-3.7318211	2.7282389	0.0000000
C	1.1789225	2.0412217	-4.0549321	C	-2.7282389	3.7318211	0.0000000
C	-1.1789225	2.0412217	-4.0549321	C	-2.7282389	0.0000000	3.7318211
C	2.7282389	0.0000000	-3.7318211	C	-2.0412217	-1.1789225	4.0549321
C	2.0412217	1.1789225	-4.0549321	C	-2.0412217	1.1789225	4.0549321
C	2.0412217	-1.1789225	-4.0549321	C	-1.1789225	2.0412217	4.0549321
C	1.1789225	-2.0412217	-4.0549321	C	0.0000000	2.7282389	3.7318211
C	0.0000000	-2.7282389	-3.7318211	C	1.1789225	2.0412217	4.0549321
C	-1.1789225	-2.0412217	-4.0549321	C	-1.1789225	-2.0412217	4.0549321
C	-2.0412217	1.1789225	-4.0549321	C	0.0000000	-2.7282389	3.7318211
C	-2.7282389	0.0000000	-3.7318211	C	1.1789225	-2.0412217	4.0549321
C	-2.0412217	-1.1789225	-4.0549321	C	2.0412217	1.1789225	4.0549321
C	0.0000000	3.7318211	-2.7282389	C	2.7282389	0.0000000	3.7318211
C	3.7318211	0.0000000	-2.7282389	C	2.0412217	-1.1789225	4.0549321
C	0.0000000	-3.7318211	-2.7282389	C	-3.7318211	0.0000000	2.7282389
C	-3.7318211	0.0000000	-2.7282389	C	0.0000000	-3.7318211	2.7282389
C	-4.0549321	-1.1789225	-2.0412217	C	0.0000000	3.7318211	2.7282389
C	-4.0549321	1.1789225	-2.0412217	C	3.7318211	0.0000000	2.7282389
C	-1.1789225	-4.0549321	-2.0412217	C	-1.1789225	4.0549321	2.0412217
C	1.1789225	-4.0549321	-2.0412217	C	-4.0549321	1.1789225	2.0412217
C	4.0549321	-1.1789225	-2.0412217	C	1.1789225	4.0549321	2.0412217
C	4.0549321	1.1789225	-2.0412217	C	4.0549321	1.1789225	2.0412217
C	1.1789225	4.0549321	-2.0412217	C	4.0549321	-1.1789225	2.0412217
C	-1.1789225	4.0549321	-2.0412217	C	-1.1789225	-4.0549321	2.0412217
C	-2.0412217	4.0549321	-1.1789225	C	1.1789225	-4.0549321	2.0412217
C	-4.0549321	2.0412217	-1.1789225	C	-4.0549321	-1.1789225	2.0412217
C	-4.0549321	-2.0412217	-1.1789225	C	-4.0549321	-2.0412217	1.1789225
C	-2.0412217	-4.0549321	-1.1789225	C	-2.0412217	-4.0549321	1.1789225
C	2.0412217	-4.0549321	-1.1789225	C	2.0412217	-4.0549321	1.1789225
C	4.0549321	-2.0412217	-1.1789225	C	4.0549321	-2.0412217	1.1789225
C	4.0549321	2.0412217	-1.1789225	C	4.0549321	2.0412217	1.1789225
C	2.0412217	4.0549321	-1.1789225	C	2.0412217	4.0549321	1.1789225
C	2.7282389	3.7318211	0.0000000	C	-2.0412217	4.0549321	1.1789225
C	3.7318211	2.7282389	0.0000000	C	-4.0549321	2.0412217	1.1789225
C	3.7318211	-2.7282389	0.0000000				
C	2.7282389	-3.7318211	0.0000000				

Cartesian coordinates of C₇₂ in Å^a Department of Chemistry, Laboratory for Instruction in Swedish, University of Helsinki, A. I. Virtanens plats 1, P. O. Box 50, FI-00014 University of Helsinki, Finland. E-mail: Dage.Sundholm@helsinki.fi