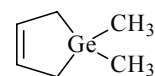


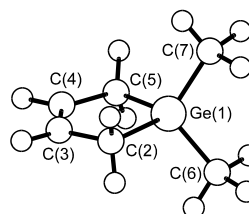
749 **C₆H₁₂Ge**ED, *ab initio*
calculations**1,1-Dimethylgermacyclopent-3-ene**1,1-Dimethyl-2,5-dihydro-1*H*-germole**C_{2v}** assumed

r_g	Å ^{a)}	θ_α	deg ^{a)}
Ge–C(2)	1.963(4)	Ge–C(2)–C(3)	103.0(9)
Ge–C(6)	1.944(4)	C(2)–C(3)=C(4)	120.3(6)
C(2)–C(3)	1.504(12)	C(2)–Ge–C(5)	93.4(9)
C(3)=C(4)	1.345(12)	C(6)–Ge–C(7)	111.0 ^{b)}
C–H (average)	1.096(11)	H–C(2)–H	106.6 ^{b)}
		C(4)=C(3)–H	120.1 ^{b)}
		Ge–C(6)–H	110.8 ^{b)}

Local C_{3v} symmetry was assumed for methyl groups.
The nozzle temperature was 25 °C.

^{a)} Twice the estimated standard errors.

^{b)} Assumed at the value from MP2/6-311+G(d) calculations.



Aarset, K., Page, E.M., Rice, D.A.: J. Phys. Chem. A **103** (1999) 5574.