

1847
ED

C₄H₁₂Ge

Tetramethylgermane

T
Ge(CH₃)₄

r_g	Å ^{a)}	θ ^{b)}	deg ^{a)}
C–H	1.111(3)	Ge–C–H	110.7(2)
Ge–C	1.958(4)	C–Ge–C	109.47 ^{c)}

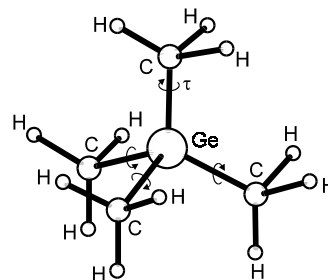
Local C_{3v} symmetry for the CH₃ groups was assumed. The methyl torsional barrier V_0 was estimated to be 1.3 kJ mol^{−1} on the basis of an effective angle of torsion $\tau = 23.0(15)^\circ$, from the staggered form, yielded directly by the analysis.

The nozzle was at room temperature.

^{a)} Estimated total errors.

^{b)} Undefined, possibly θ_α .

^{c)} Assumed.



Csákvári, E., Rozsondai, B., Hargittai, I.: J. Mol. Struct. **245** (1991) 349.