

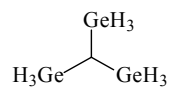
139 **CH₁₀Ge₃**ED, DFT
calculations

$r^a)$	$\text{\AA}^b)$
Ge–C	1.960(4)
Ge–H	1.535(4)
C–H	1.070(3)

Methyldynetrigermane

Tris(germyl)methane

$\theta^c)$	deg $^b)$
Ge–C–H	107.2(2)
Ge–C–Ge	111.6(2)
C–Ge–H	108.0(14)
$\tau^d)$	173.0(25)

essentially C_{3v}

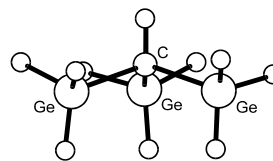
Local C_{3v} symmetry for the CGeH₃ fragments and C₃ total symmetry were assumed.
The nozzle was at room temperature.

^{a)} Unidentified, possibly r_a .

^{b)} Twice the estimated standard errors
including a systematic error.

^{c)} Unidentified, possibly θ_a .

^{d)} H–C–Ge–H torsional angle, $\tau = 0^\circ$ for the *syn* position.



Kouvetakis, J., Haaland, A., Shorokhov, D.J., Volden, H.V., Girichev, G.V., Sokolov, V.I., Matsunaga, P.: J. Am. Chem. Soc. **120** (1998) 6738.