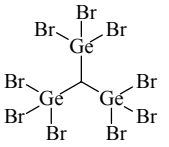
67 **$CHBr_9Ge_3$** **Tris(tribromogermyl)methane** **C_3** assumed

ED, *ab initio* calculations

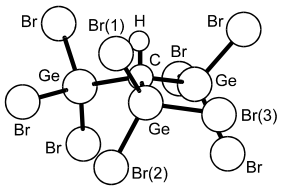
Methylidynetris(tribromogermane)



r_a	Å [a])
Ge–C	1.995(10)
Ge–Br(1)	2.286(2) [b])
Ge–Br(2)	2.275(2) [b])
Ge–Br(3)	2.283(2) [b])
C–H	1.087 [c])

θ_a	deg [a])
H–C–Ge	102.8(4)
Ge–C–Ge	115.3(3)
C–Ge–Br(1)	108.5(3) [b])
C–Ge–Br(2)	111.3(3) [b])
C–Ge–Br(3)	114.4(3) [b])
τ(H–C–Ge–Br(1)) [d])	27.2(6) [b])
τ(H–C–Ge–Br(2)) [d])	148.2(6) [b])
τ(H–C–Ge–Br(3)) [d])	–89.6(6) [b])

The nozzle temperature was 147(5) °C.



[a]) Twice the estimated standard errors including a systematic error.

[b]) Differences in the Ge–Br bond lengths, in the C–Ge–Br bond angles and in the H–C–Ge–Br torsional angles were assumed at the values from HF/6-31G* calculations.

[c]) Assumed at the value from HF/6-31G* calculations.

[d]) Zero degree for the *syn* position.

Haaland, A., Shorokhov, D.J., Volden, H.V., McMurran, J., Kouvetakis, J.: J. Mol. Struct. **509** (1999) 29.