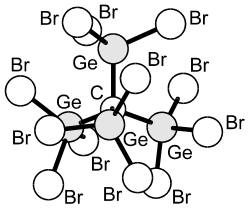
16 **$CBr_{12}Ge_4$** **Methanetetrayltetrakis[tribromogermane]** **T** assumed
ED, DFT $C(GeBr_3)_4$
calculations

r_a	Å [a])	θ_a	deg [a])
C–Ge	2.042(8)	C–Ge–Br	112.9(5)
Ge–Br	2.282(3)	Br–Ge–Br	105.9(5)
		τ [b])	31.4(9)



The twelve Br atom positions are close to the vertices of a regular icosahedron. BPW91/LanL2DZ calculations closely reproduced the observed structure.
The nozzle temperature was 218 °C.

[a]) Twice the estimated standard errors including a systematic error.
[b]) Ge–C–Ge–Br torsional angle from the *syn* position.

Haaland, A., Shorokhov, D.J., Strand, T.G., Kouvetakis, J., O'Keeffe, M.: Inorg. Chem. **36** (1997) 5198.