

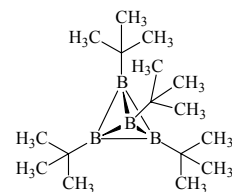
934
ED $\text{C}_{16}\text{H}_{36}\text{B}_4$

Tetrakis(1,1-dimethylethyl)tetraborane(4)

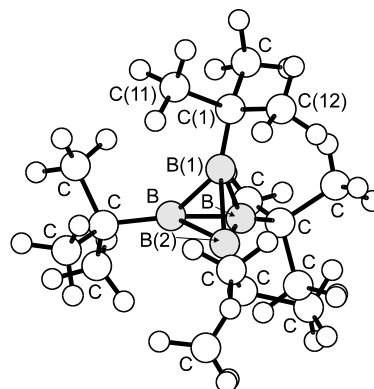
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Tetra-*t*-butyltetraborane(4)

r_a	\AA^a	θ_a	deg^a
B–B	1.704(4)	B–C–C	111.7(2)
B–C	1.580(6)	C–C–H	109.7(4)
C–C	1.550(2)	$\tau_1(\text{methyl})^b$	42.4(8)
C–H	1.101(1)	$\tau_2(t\text{-butyl})^c$	30.0(3)



The nozzle temperature was 346 K.

^a) Estimated standard errors.^b) B(1)–C(1)–C(11)–H torsional angle from the *syn* position, positive value for the clockwise rotation of the C(11)–H bond around the C(1)–C(11) bond, viewed from C(1) to C(11).^c) B(2)–B(1)–C(1)–C(12) torsional angle from the *syn* position, positive value for the clockwise rotation of the C(1)–C(12) bond around the B(1)–C(1) bond, viewed from B(1) to C(1).Hnyk, D.: Polyhedron **16** (1997) 603.