

1448 **C₃H₁₄B₄**
 ED, *ab initio* calculations
 (MP2/6-31G*)

2,4-(1-Methyl-1,2-ethanediyl)tetraborane(10)
 2,4-Propylenetetraborane(10)

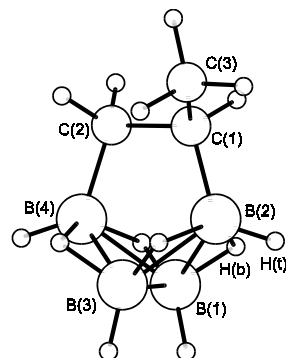
C₁

r_a	Å ^{a)}	θ_a	deg ^{a)}
B(1)–B(2)	1.891(2)	B(1)–B(2)–B(3)	54.0(2)
B(1)–B(3)	1.716(8)	C(2)–C(1)–C(3)	114.8(12)
B(2)–C(1)	1.612(9)	ϕ ^{b)}	100.4(2)
C(1)–C(2)	1.562(9)		
C(1)–C(3)	1.536(9)		
B–H(t) (mean)	1.207(20)		
B–H(b) (mean)	1.333(10)		
C–H (mean)	1.100(4)		

The heavy-atom cage C₂B₄ is practically not distorted away from C_{2v} symmetry.
 The nozzle was at ca. 293 K.

^{a)} Estimated standard errors.

^{b)} Dihedral angle between the B(1)B(2)B(3) and B(1)B(4)B(3) planes.



Brain, P.T., Bühl, M., Fox, M.A., Greatrex, R., Leuschner, E., Picton, M.J., Rankin, D.W.H., Robertson, H.E.: *Inorg. Chem.* **34** (1995) 2841.