

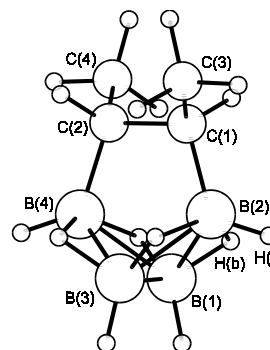
ED, *ab initio* calculations  
(MP2/6-31G\*)

$r_a$	$\text{\AA}^a$	$\theta_a$	deg $^a$
B(1)–B(2)	1.893(3)	B(1)–B(2)–B(3)	53.7(3)
B(1)–B(3)	1.712(9)	C(2)–C(1)–C(3)	114.3(4)
B(2)–C(1)	1.615(11)	C(4)–C(2)–C(1)–C(3)	117.5(17)
C(1)–C(2)	1.567(11)	$\phi^b$	100.4(3)
C(1)–C(3)	1.539(11)		
B–H(t) (mean)	1.198(31)		
B–H(b) (mean)	1.338(20)		
C–H (mean)	1.102(3)		

The heavy-atom cage  $C_2B_4$  is practically not distorted away from  $C_{2v}$  symmetry.  
The nozzle was at ca. 293 K.

<sup>a</sup>) Estimated standard errors.

<sup>b</sup>) 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.