

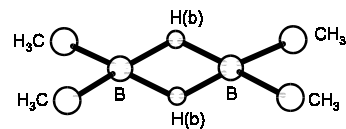
1866  
ED

**C<sub>4</sub>H<sub>14</sub>B<sub>2</sub>**

**Tetramethyldiborane**

**D<sub>2h</sub>**

$r_g$	Å <sup>a)</sup>	$\theta$ <sup>b)</sup>	deg <sup>a)</sup>
B–C	1.590(3)	B...B–C	120.0(3)
C–H	1.119(4)	B–C–H	112.0(20)
B–H(b)	1.364(45)		
B...B	1.840(10)		



The methyl groups are staggered with respect to the B–C and B–H(b) bonds.

The nozzle temperature was not stated, probably room temperature.

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

<sup>b)</sup> Unidentified, possibly  $\theta_g$ .

Carroll, B.L., Bartell, L.S.: Inorg. Chem. **7** (1968) 219.