

1841  
ED

**C<sub>4</sub>H<sub>12</sub>B<sub>2</sub>O**

**Dimethylborinic anhydride**

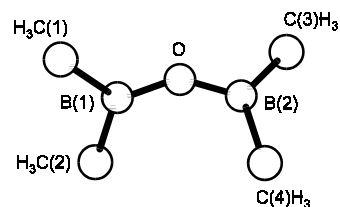
**C<sub>2</sub> (skeleton)**  
(H<sub>3</sub>C)<sub>2</sub>B–O–B(CH<sub>3</sub>)<sub>2</sub>

$r_a$	$\text{\AA}^a$	$\theta_a$	deg <sup>a)</sup>
C–H	1.106(4)	B–C–H	110.0(11)
B–O	1.359(4)	O–B(1)–C(1)	117.1(13)
B–C	1.573(4)	O–B(1)–C(2)	120.4(14)
		B(1)–O–B(2)	144.4(27)
		$\tau^b$	38.3(36)

Free rotation of the methyl groups was assumed.  
The nozzle was at room temperature.

<sup>a)</sup> Twice the estimated standard errors.

<sup>b)</sup> Dihedral angle C(2)–B(1)–O–B(2).



Gundersen, G., Vahrenkamp, H.: J. Mol. Struct. **33** (1976) 97.