

1442  
ED

**C<sub>3</sub>H<sub>12</sub>BN<sub>3</sub>**

**Tris(methylamino)borane**

**C<sub>3</sub> assumed  
B(NHCH<sub>3</sub>)<sub>3</sub>**

$r_a$	Å <sup>a)</sup>	$\theta_\alpha$	deg <sup>a)</sup>
N–H	1.022(8)	B–N–H	122 <sup>b)</sup>
C–H	1.094(4)	N–C–H	111.1(6)
B–N	1.432(2)	B–N–C	125.2(4)
N–C	1.459(3)	$\tau_1$ <sup>c)</sup>	24.7(35)
		$\tau_2$ <sup>d)</sup>	13.3(21)

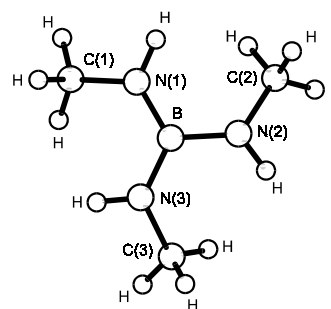
The nozzle was at 60 °C.

<sup>a)</sup> Estimated standard errors including a systematic error.

<sup>b)</sup> Fixed.

<sup>c)</sup> Dihedral angle H–C(2)–N(2)–B.

<sup>d)</sup> Dihedral angle C(2)–N(2)–B–N(1).



Almenningen, A., Gundersen, G., Mangerud, M., Seip, R.: Acta Chem. Scand. Ser. A **35** (1981) 341.