

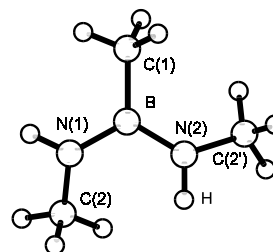
1437
ED

$\text{C}_3\text{H}_{11}\text{BN}_2$

Methylbis(methylamino)borane

essentially C_s (*syn-anti*)
(excepting the H atoms of NH)
 $\text{H}_3\text{C}-\text{B}(\text{NHCH}_3)_2$

r_a	\AA^a	θ_α	deg a
N-H	1.008(4)	B-N-H	122 b
C-H	1.102(2)	B-C-H, N-C-H	111.4(12)
B-C	1.586(3)	N-B-N	120.4(3)
B-N	1.418(2)	N(1)-B-C(1)	118.0(10)
N-C	1.456(2)	B-N(2)-C(2')	128.4(9)
		B-N(1)-C(2)	126.4(5)
		τ_1 c	0.0 b
		τ_2 d	18.2(42)
		τ_3 e	16.9(23)



The nozzle temperature was 15 °C.

a) Estimated standard errors including a systematic error.

b) Assumed.

c) Dihedral angle H-C(1)-B-N(1).

d) Dihedral angles H-C(2')-N(2)-B and H-C(2)-N(1)-B.

e) Dihedral angles C(2')-N(2)-B-C(1) and C(2)-N(1)-B-N(2).

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