

1373
ED

C₃H₉BCl₃N

Trimethylamine – boron trichloride (1/1)

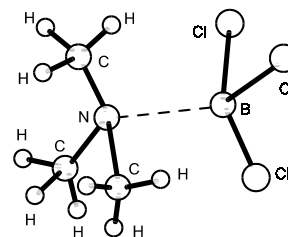
C_{3v} (staggered)
(skeleton) assumed
(CH₃)₃N · BCl₃

r_g	\AA^a	θ_α	deg^a
B–Cl	1.836(2)	N–C–H	108.9(10)
N...B	1.652(9)	Cl–B–Cl	111.1(2)
C–N	1.497(3)	C–N–C	108.3(3)
C–H	1.107(5)		

The nozzle temperature was 192 °C.

^a) Estimated limits of error.

Iijima, K., Shibata, S.: Bull. Chem. Soc. Jpn. **53** (1980) 1908.



r_a	\AA^a	θ_a	deg^a
B–Cl	1.839(4)	H–C–H	111.8(6)
N...B	1.659(6)	Cl–B–Cl	110.8(3)
C–N	1.495(4)	C–N–C	108.7(6)
C–H	1.110(4)		

The nozzle temperature was 166 °C.

^a) Estimated total errors.

Hargittai, M., Hargittai, I.: J. Mol. Struct. **39** (1977) 79.