

1374
ED

C₃H₉BCl₃P

Trimethylphosphine – boron trichloride (1/1)

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

r_g	\AA^a	θ_α	deg^a
B–Cl	1.851(7)	P–C–H	113.7(9)
P...B	1.941(16)	Cl–B–Cl	109.5(4)
C–P	1.800(4)	C–P–C	109.3(3)
C–H	1.099(5)		

The nozzle temperature was 190 °C.

^a) Estimated limits of error.

Iijima, K., Shibata, S.: Bull. Chem. Soc. Jpn. **52** (1979) 3204.

