

1370
ED

C₃H₉B

Trimethylborane

D_{3h} (skeleton)
B(CH₃)₃

r_g	Å ^{a)}	θ_α	deg ^{a)}
B–C	1.5783(11)	C–B–C	120.0(6) ^{b)}
C–H	1.1138(15)	B–C–H	112.5(4) ^{b)}

The BC₃ skeleton is planar. The methyl groups have essentially free rotation.
The nozzle temperature was not stated, probably room temperature.

^{a)} Estimated standard errors.

^{b)} Approximate shrinkage correction has been made. The uncertainty is reestimated.

Bartell, L.S., Carroll, B.L.: J. Chem. Phys. **42** (1965) 3076.