

1408
ED

C₃H₉N₃Si

Azidotrimethylsilane

r_a	Å ^{a)}	θ_a	deg ^{a)}
Si–N	1.734(14)	Si–N=N	128(3)
N(1)=N(2)	1.198(16)	N–Si–C ^{b)}	107(3)
N(2)≡N(3)	1.150(22)	C–Si–C ^{b)}	111(3)
Si–C	1.854(6)	Si–C–H	114(3)
C–H	1.082(6)		

The deviation from the C_s symmetry ($\tau(\text{C}(1)\text{--Si--N=N}) = 36(10)^\circ$ from the *syn* position) could be due to large-amplitude motion. The nozzle was at 318 K.

^{a)} Uncertainty estimates are twice those of the original data.

^{b)} Average value.

Dakkouri, M., Oberhammer, H.: Z. Naturforsch. **27a** (1972) 1331; Erratum: **27a** (1972) 1864.

probably C_s (skeleton)
N≡N=N–Si(CH₃)₃

