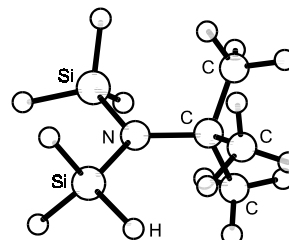


C_s (skeleton)
(H₃C)₃C–N(SiH₃)₂

r_a	Å ^{a)}	θ_a	deg ^{a)}
Si-N	1.735(1)	Si-N-Si	118.4(4)
C-N	1.479(8)	N-C-C	109.2(6)
C-C	1.546(4)	H-Si-N	109.0 ^{b)}
Si-H	1.501(8)	H-C-C	109.4(16)
C-H	1.119(4)	C-C-C	109.8(6)
		Si-N-C	120.8(2)
		φ ^{c)}	0.0 ^{b)}
		twist (C-N) ^{d)}	0.0 ^{b)}
		H-Si-N-C ^{e)}	20.8(91)
		twist (C-C) ^{f)}	18.1(29)



The measurements were made at room temperature.

^{a)} Estimated standard errors including a systematic error.

^{b)} Assumed.

^{c)} Angle between the NSi₂ plane and the N–C bond. Defined as zero when the bonds to the N atom are coplanar.

^{d)} Defined as zero when one NCC plane is perpendicular to the NSi₂ plane.

^e) Defined as zero when one Si-H bond is eclipsed with respect to the N-C bond.

^f) Defined as zero when methyl groups are in the staggered conformation.

Anderson, D.G., Rankin, D.W.H.: J. Chem. Soc., Dalton Trans. (1989) 779.