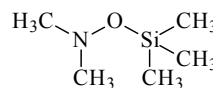


683 **C₅H₁₅NOSi** ***N*-Methyl-*N*-[(trimethylsilyl)oxy]methanamine** **C_s assumed**
 ED ***N,N*-Dimethyl-*O*-(trimethylsilyl)hydroxylamine**

r_a	Å ^{a)}	θ_a	deg ^{a)}
Si–O	1.688(2)	O–Si–C(7)	110.7(7)
Si–C(7) ^{b)}	1.872(2)	O–Si–C(6)	103.4(6)
Si–C(6) ^{b)}	1.870(4)	Si–O–N	108.9(5)
O–N ^{c)}	1.481(6)	O–N–C	105.0(4)
N–C ^{c)}	1.452(4)	C–N–C	110.3(10)
C(4,5)–H ^{b)}	1.108(4)	C–Si–C	107.8(23)
C(6,7,8)–H ^{b)}	1.117(2)	Si–C(7)–H ^{b)}	112.4(9) ^{d)}
		Si–C(6)–H ^{b)}	112.3(13)
		N–C–H	106.5(5) ^{d)}
		τ_1 ^{e)}	–173.9(39) ^{d)}
		τ_2 ^{f)}	–168.8(30) ^{d)}



The nozzle temperature was 24...25 °C.

^{a)} Uncertainties were unidentified, possibly estimated standard errors.

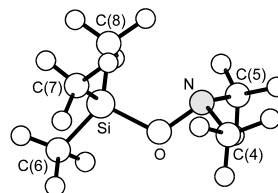
^{b)} Differences between similar parameters were restrained to the values from MP2/6-31G* calculations.

^{c)} Difference between the O–N and N–C bond lengths was restrained to the value from MP2/6-31G* calculations.

^{d)} Restrained to the value from MP2/6-31G* calculations.

^{e)} Torsional angle C–Si–C–H, $\tau_1 = 0^\circ$ for the *syn* position.

^{f)} Torsional angle C–N–C–H, $\tau_2 = 0^\circ$ for the *syn* position.



Mitzel, N.W., Losehand, U., Richardson, A.D.: Inorg. Chem. **38** (1999) 5323.