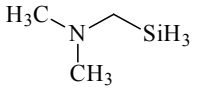
460 **$C_3H_{11}NSi$** ***N,N*-Dimethyl-1-silylmethanamine** **C_1**

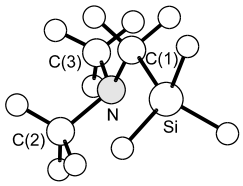
ED, *ab initio* calculations

N,N-Dimethyl(silylmethyl)amine



r_a	Å [a])	θ_a	deg [a])
Si–C	1.879(2)	Si–C–N	114.7(3)
C(1)–N	1.471(3)	C(2)–N–C(1)	110.9(4)
N–C(2)	1.463(5)	C(3)–N–C(1)	110.9(5)
N–C(3)	1.456(5)	C(2)–N–C(3)	111.1(5)
Si…N	2.828(7)	τ_1 [b])	62.4(12)
		τ_2 [c])	–173.7(14)

Differences in the hydrogen distances (Si–H and C–H) and in the angles and torsional angles defining hydrogen positions were restrained to the values from MP2/6-311G** calculations.
The nozzle temperature was 20 °C.



[a]) Uncertainties were not identified, possibly estimated total errors.
[b]) Torsional angle C(2)–N–C(1)–Si, $\tau_1 = 0°$ for the *syn* position.
[c]) Torsional angle C(3)–N–C(1)–Si, $\tau_2 = 0°$ for the *syn* position.

Mitzel, N.W., Kiener, C., Rankin, D.W.H.: Organometallics **18** (1999) 3437.