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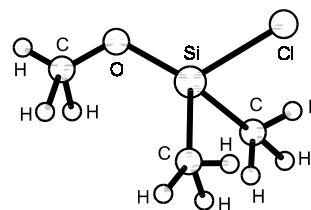
C₃H₇ClOSi

Chloromethoxydimethylsilane

C_s (*anti*)
H₃C–O–SiCl(CH₃)₂

r_g	Å ^{a)}
Si–O	1.620(10)
C–O	1.430(11)
Si–C	1.867(15)
C–H	1.130(6)
Si–Cl	2.073(5)

θ_α	deg ^{a)}
C–O–Si	127.2(21)
O–Si–C	107.9(6)
C–Si–C	110.4(35)
O–Si–Cl	112.3(15)
Si–C–H	110.0 ^{b)}
O–C–H	109.6 ^{b)}



The molecule exists as 100% *anti* conformer, though the presence of up to 35% *gauche* conformer cannot be excluded.

The temperature of the measurement was 25 °C.

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

^{b)} Assumed.

Rusaeva, O.A., Mastryukov, V.S., Khristenko, L.V., Pentin, Yu.A.: Zh. Fiz. Khim. **65** (1991) 1377; Russ. J. Phys. Chem. (Engl. Transl.) **65** (1991) 727.