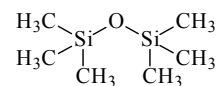


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ED**C₆H₁₈OSi₂****Hexamethyldisiloxane**probably C_{2v}
(see also comment)

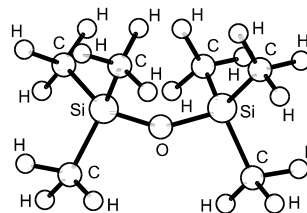
r_g	Å ^{a)}	θ_a	deg ^{a)}
Si–O	1.639(3)	Si–O–Si	152(2)
Si–C	1.871(4)	O–Si–C	109.1(2)
C–H	1.111(3)	Si–C–H	110.9(3)



The molecule has free or nearly free rotating trimethylsilyl groups. In the equilibrium position it has probably C_{2v} symmetry with staggered C₃Si–O–Si fragments. The barrier to linearization of Si–O–Si linkage was estimated to be at least 10 kJ mol^{−1}.

The nozzle temperature was 298 K.

^{a)} Estimated total errors.



Borisenko, K.B., Rozsondai, B., Hargittai, I.: J. Mol. Struct. **406** (1997) 137.

Replaces [II/25D \(3, 2391\)](#)