

1856
ED

C₄H₁₂O₄Si

Tetramethoxysilane

S₄
Si(OCH₃)₄

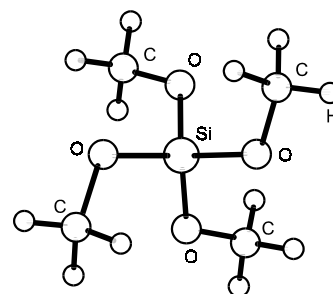
r_g	Å ^{a)}	θ_a	deg ^{a)}
Si–O	1.614(1)	O–Si–O	115.5(10)
C–O	1.416(2)	Si–O–C	122.3(3)
C–H	1.12 ^{b)}	O–C–H	111(1)
		$\tau(\text{O–Si–O–C})^\circ$	64(1)
		$\tau(\text{H–C–O–Si})^\circ$	60(2)

The nozzle temperature was 65 °C.

^{a)} Estimated standard errors.

^{b)} Assumed.

^{c)} $\tau = 0^\circ$ for the *syn* position.



Boonstra, L.H., Mijlhoff, F.C., Renes, G., Spelbos, A., Hargittai, I.: J. Mol. Struct. **28** (1975) 129.