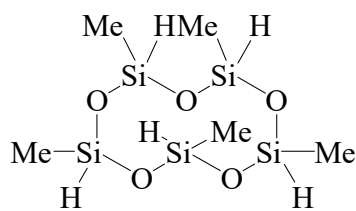




>>Entry Name: 2,4,6,8,10-Pentamethylcyclopentasiloxane, 9CI, 8CI



CAS Registry Number: 6166-86-5

Related CAS Registry Numbers(s): 89887-29-6 89887-30-9 89887-31-0 89887-32-1

Molecular Formula: C₅H₂₀O₅Si₅

Molecular Weight: 300.638

Accurate Mass: 300.01571

Percentage Composition: C 19.98%; H 6.71%; O 26.61%; Si 46.71%

Physical Description: Liq.

Boiling Point: Bp 169°. Bp₁₄ 60°. Bp -108°

Density: d₄²⁰ 0.998

Refractive Index: n_D²⁰ 1.3912

Other Data: Dipole moment 1.1D

References:

Sakiyama, M., *Bull. Chem. Soc. Jpn.*, 1958, **31**, 67-73, (*ir*)

Reikhsfel'd, V.O. *et al.*, *Vysokomol. Soedin.*, 1962, **4**, 30-36; *CA*, **56**, 14454e, (*synth, props*)

Pelletier, E. *et al.*, *Organometallics*, 1984, **3**, 1070-1075, (*pmr, stereoisomers*)

Kosfield, R. *et al.*, *Makromol. Chem.*, 1988, **189**, 2077-2084, (*Si-29 nmr*)

Voronkov, M.G. *et al.*, *J. Organomet. Chem.*, 1991, **406**, 91-97, (*props*)