



>>Entry Name: 1,5-Dichloro-1,1,3,3,5,5-hexamethyltrisiloxane, 9Cl

Synonym(s): Dichlorohexamethyltrisiloxane. Hexamethyl 1,5-dichlorosiloxane

CAS Registry Number: 3582-71-6

$\text{Me}_2\text{ClSiOSiMe}_2\text{OSiMe}_2\text{Cl}$

Molecular Formula: $\text{C}_6\text{H}_{18}\text{Cl}_2\text{O}_2\text{Si}_3$

Molecular Weight: 277.369

Accurate Mass: 275.999165

Percentage Composition: C 25.98%; H 6.54%; Cl 25.56%; O 11.54%; Si 30.38%

Physical Description: Liq.

Boiling Point: Bp 184°. Bp₂₀ 79°

Density: d_4^{20} 1.02

Refractive Index: n_D^{20} 1.4050

References:

Patnode, W. *et al.*, *J.A.C.S.*, 1946, **68**, 360, (*synth*)

Feher, F. *et al.*, *Chem. Ber.*, 1957, **90**, 134, (*Raman, ir*)

Breed, L.W. *et al.*, *Inorg. Chem.*, 1967, **6**, 1254, (*synth*)