



>>Entry Name: **1,1,3,3,5,5-Hexamethyltrisiloxane**, 9CI

Synonym(s): Dimethylbis(dimethylsiloxy)silane

CAS Registry Number: 1189-93-1

$\text{Me}_2\text{Si}(\text{OSiHMe}_2)_2$

Molecular Formula: $\text{C}_6\text{H}_{20}\text{O}_2\text{Si}_3$

Molecular Weight: 208.479

Accurate Mass: 208.077111

Percentage Composition: C 34.57%; H 9.67%; O 15.35%; Si 40.41%

Source/Synthesis: Synth. by LiAlH_4 redn. of $\text{Me}_2\text{Si}(\text{OSiClMe}_2)_2$

Boiling Point: Bp 128°

Density: d^{20}_4 0.82

Refractive Index: n^{20}_D 1.3811

References:

Sagiyama, M. *et al.*, *Bull. Chem. Soc. Jpn.*, 1956, **29**, 236-241; 1958, **31**, 67-73, (*synth, ir*)

Chrusciel, J. *et al.*, *Pol. J. Chem. (Rocz. Chem.)*, 1979, **53**, 1383-1386, (*synth*)