



>>Entry Name: Pentamethyldisiloxane, 9Cl, 8Cl

Synonym(s): Dimethylsilyl trimethylsilyl ether

CAS Registry Number: 1438-82-0

$\text{Me}_3\text{SiOSiMe}_2\text{H}$

Molecular Formula: $\text{C}_5\text{H}_{16}\text{OSi}_2$

Molecular Weight: 148.352

Accurate Mass: 148.073969

Percentage Composition: C 40.48%; H 10.87%; O 10.78%; Si 37.86%

Source/Synthesis: Synth. from $\text{Me}_3\text{SiOSiMe}_2\text{Cl}$ + LiAlH_4

Physical Description: Liq.

Boiling Point: Bp 85.7°

Fluka: 76840

References:

Okawara, R. *et al.*, *Bull. Chem. Soc. Jpn.*, 1956, **29**, 547, (*synth*)

Mueller, R. *et al.*, *J. Prakt. Chem.*, 1960, **11**, 336, (*synth*)