



>>Entry Name: **1,1,1,3,5,5,5-Heptamethyltrisiloxane**, 9Cl, 8Cl

Synonym(s): Bis(trimethylsilyloxy)methylsilane

CAS Registry Number: 1873-88-7

(Me₃SiO)₂SiMeH

Molecular Formula: C₇H₂₂O₂Si₃

Molecular Weight: 222.506

Accurate Mass: 222.092761

Percentage Composition: C 37.79%; H 9.97%; O 14.38%; Si 37.87%

Source/Synthesis: Synth. from Me₃SiOLi + MeSiHCl₂

Physical Description: Liq.

Boiling Point: Bp 142°. Bp₅₉ 66°

Aldrich: 37088-6

Fluka: 51722

References:

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

Musolf, M.C. *et al.*, *J.O.C.*, 1964, **29**, 2519, (*synth*)

Horn, H.G. *et al.*, *Makromol. Chem.*, 1972, **162**, 255, (*struct, Si-29 nmr*)

Terman, L.M. *et al.*, *Izv. Akad. Nauk SSSR, Ser. Khim.*, 1980, 629; *CA*, **92**, 198869, (*synth*)