



>>Entry Name: **1,3-Bis(chloromethyl)-1,1,3,3-tetramethyldisiloxane**, 9Cl, 8Cl

Synonym(s): Oxybis[chloromethyldimethylsilane]

CAS Registry Number: 2362-10-9

ClCH2SiMe2OSiMe2CH2Cl

Molecular Formula: $C_6H_{16}Cl_2OSi_2$

Molecular Weight: 231.268

Accurate Mass: 230.011673

Percentage Composition: C 31.16%; H 6.97%; Cl 30.66%; O 6.92%; Si 24.29%

Source/Synthesis: Synth. from $Me_2Si(CH_2Cl)Cl + H_2O$

Physical Description: Liq.

Boiling Point: Bp 198-202°. Bp₁₈ 91-95°

Aldrich: 30208-2

Fluka: 14661

Sigma: C0207

References:

Aldrich Library of ¹³C and ¹H FT NMR Spectra, 1992, **3**, 673B, (*nmr*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1650A, (*ir*)

Nozakura, S., *CA*, 1957, **51**, 14543, (*synth*)

Andrianov, K.A. *et al.*, *Zh. Obshch. Khim.*, 1959, **29**, 3598, (*synth*)

Fritz, G. *et al.*, *Z. Anorg. Allg. Chem.*, 1962, **314**, 35, (*synth*)

Engelhardt, G. *et al.*, *J. Organomet. Chem.*, 1968, **11**, 243, (*pmr*)

Andrianov, K.A. *et al.*, *Izv. Akad. Nauk SSSR, Ser. Khim.*, 1975, 1883, (*synth*)

Voss, P. *et al.*, *Z. Anorg. Allg. Chem.*, 1978, **439**, 219, (*ir*)