



>>Entry Name: **1,8-Bis(chlorodimethylsilyl)octane**

Synonym(s): 2,11-Dichloro-2,11-dimethyl-2,11-disiladodecane, 8Cl. 1,8-Octanediylbis[chlorodimethylsilane], 10Cl

CAS Registry Number: 5089-28-1

ClMe2Si(CH2)8SiClMe2

Molecular Formula: C₁₂H₂₈Cl₂Si₂

Molecular Weight: 299.43

Accurate Mass: 298.110658

Percentage Composition: C 48.14%; H 9.42%; Cl 23.68%; Si 18.76%

Source/Synthesis: Synth. by hydrosilylation of 1,7-octadiene with Me₂SiCl₂

Boiling Point: Bp_{0.04} 106-107°

Density: d 0.95

Refractive Index: n_D²⁰ 1.4540

References:

Krueger, C.R. *et al.*, *Inorg. Nucl. Chem. Lett.*, 1965, **1**, 85-87, (*synth*)

Green, M. *et al.*, *J.C.S. Dalton*, 1977, 1519-1525, (*synth, pmr*)