



>>Entry Name: 1,6-Bis(chlorodimethylsilyl)hexane

Synonym(s): 2,9-Dichloro-2,9-dimethyl-2,9-disiladecane, 8Cl. 1,6-Hexanediylbis[chlorodimethylsilane], 10Cl

CAS Registry Number: 14799-66-7

ClMe₂Si(CH₂)₆SiClMe₂

Molecular Formula: C₁₀H₂₄Cl₂Si₂

Molecular Weight: 271.376

Accurate Mass: 270.079358

Percentage Composition: C 44.26%; H 8.91%; Cl 26.13%; Si 20.70%

Source/Synthesis: Synth. by hydrosilylation of 1,5-hexadiene with Me₂SiCl₂

Boiling Point: Bp₃ 113-116°

Density: d₄²⁰ 0.96

Refractive Index: n_D²⁰ 1.4538

References:

U.S. Pat., 1951, 2 561 429; *CA*, **46**, 1814e, (*synth*)

Makoto, K. *et al.*, *J. Organomet. Chem.*, 1967, **9**, 43-55, (*synth*)

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