



>>Entry Name: Dichlorohexylmethysilane, 9CI

CAS Registry Number: 14799-94-1

$\text{H}_3\text{C}(\text{CH}_2)_5\text{SiMeCl}_2$

Molecular Formula: $\text{C}_7\text{H}_{16}\text{Cl}_2\text{Si}$

Molecular Weight: 199.194

Accurate Mass: 198.039831

Percentage Composition: C 42.21%; H 8.10%; Cl 35.60%; Si 14.10%

Source/Synthesis: Synth. from $\text{H}_3\text{C}(\text{CH}_2)_5\text{MgBr}$ + MeSiCl_3

Physical Description: Liq.

Boiling Point: Bp_{50} 103°

Refractive Index: n_D^{20} 1.4378

Fluka: 53215

References:

Barry, A.J. *et al.*, *J.A.C.S.*, 1947, **69**, 2916, (*synth*)

Fink, W., *Helv. Chim. Acta*, 1971, **54**, 1304, (*pmr*)

Andrianov, K.A. *et al.*, *Zh. Obshch. Khim.*, 1976, **46**, 2255; *CA*, **86**, 16736, (*synth*)