



>>Entry Name: (Chloromethyl)dimethylvinylsilane

Synonym(s): (Chloromethyl)ethenyldimethylsilane, 9Cl

CAS Registry Number: 16709-86-7

ClCH2SiMe2(CH=CH2)

Molecular Formula: $C_5H_{11}ClSi$

Molecular Weight: 134.68

Accurate Mass: 134.031854

Percentage Composition: C 44.59%; H 8.23%; Cl 26.32%; Si 20.85%

Source/Synthesis: Synth. from ClCH2SiMe2Cl + H2C=CHLi

Boiling Point: Bp 119-120°

Density: d_4^{25} 0.9

Refractive Index: n_D^{25} 1.4382

References:

Gornowicz, G.A. *et al.*, *J.O.C.*, 1968, **33**, 2918-2924, (*synth*)

Coutant, J.E. *et al.*, *Arch. Mass Spectral Data*, 1971, **2**, 542-575, (*ms*)

Kobayashi, T. *et al.*, *Organometallics*, 1991, **10**, 1960-1964, (*synth, pmr*)