



>>Entry Name: Dimethyl-2-propenylsilane, 9CI

Synonym(s): Allyldimethylsilane

CAS Registry Number: 3937-30-2

$\text{H}_2\text{C}=\text{CHCH}_2\text{SiMe}_2$

Molecular Formula: $\text{C}_5\text{H}_{12}\text{Si}$

Molecular Weight: 100.235

Accurate Mass: 100.070827

Percentage Composition: C 59.91%; H 12.07%; Si 28.02%

Source/Synthesis: Synth. from Me_2SiHCl + $\text{H}_2\text{C}=\text{CHCH}_2\text{MgCl}$

Boiling Point: Bp 69°

Density: d^{20}_4 0.71

Refractive Index: n^{20}_D 1.4075

References:

Mironov, V.F. *et al.*, *Izv. Akad. Nauk SSSR, Ser. Khim.*, 1957, 3835-3855; *CA*, **51**, 15458b, (*synth*)

Egorochin, A.N. *et al.*, *Izv. Akad. Nauk SSSR, Ser. Khim.*, 1964, 1521-1523; *CA*, **64**, 14064d, (*nmr*)

Zhun, V.I. *et al.*, *Zh. Obshch. Khim.*, 1988, **58**, 1599-1606; *CA*, **110**, 154376d, (*synth, ms*)