



>>Entry Name: (2-Propenyl)(trimethylsilyl)amine

Synonym(s): 1,1,1-Trimethyl-*N*-2-propenylsilanamine, 9Cl, 8Cl. *N*-(Trimethylsilyl)allylamine. (Allylamino)trimethylsilane

CAS Registry Number: 10519-97-8

Me3SiNHCH2CH=CH2

Molecular Formula: C₆H₁₅NSi

Molecular Weight: 129.277

Accurate Mass: 129.097376

Percentage Composition: C 55.75%; H 11.69%; N 10.83%; Si 21.73%

Source/Synthesis: Synth. from H₂C=CHCH₂NH₂ + Me₃SiCl

Physical Description: Liq.

Boiling Point: Bp 111-115°

Refractive Index: n_D²⁰ 1.4112

Aldrich: 46352-3

References:

Lyashenko, I.N. *et al.*, *Izv. Akad. Nauk SSSR, Ser. Khim.*, 1969, 1132; *CA*, **71**, 50051, (*synth*)

Andrianov, K.A. *et al.*, *Zh. Obshch. Khim.*, 1973, **43**, 1057; 1975, **45**, 802; *CA*, **79**, 77605; **83**, 8647, (*ir, pmr*)