



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

Synonym(s): Triallylmethylsilane, 8CI

CAS Registry Number: 1112-91-0

MeSi(CH2CH=CH2)3

Molecular Formula: C₁₀H₁₈Si

Molecular Weight: 166.338

Accurate Mass: 166.117777

Percentage Composition: C 72.21%; H 10.91%; Si 16.88%

Source/Synthesis: Synth. from allylmagnesium bromide and MeSiCl₃

Use/Importance: Used in prep. of stable, hygroscopic polymers

Physical Description: Liq.

Boiling Point: Bp₁₅ 65-67°

References:

Dolgii, I.E. *et al.*, *CA*, 1964, **60**, 12041, (*synth*)

Schwarz, W.W. *et al.*, *J. Appl. Polym. Sci.*, 1967, **11**, 553, (*use*)

Delmulle, L. *et al.*, *J. Mol. Struct.*, 1980, **66**, 315, (*pmr, cmr, Si-29 nmr*)