



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

Synonym(s): Allyltriethylsilane. 3-Triethylsilyl-1-propene

CAS Registry Number: 17898-21-4

$\text{Et}_3\text{SiCH}_2\text{CH}=\text{CH}_2$

Molecular Formula: $\text{C}_9\text{H}_{20}\text{Si}$

Molecular Weight: 156.342

Accurate Mass: 156.133427

Percentage Composition: C 69.14%; H 12.89%; Si 17.96%

Source/Synthesis: Synth. from $\text{H}_2\text{C}=\text{CHCH}_2\text{MgBr} + \text{Et}_3\text{SiCl}$

Use/Importance: Protecting reagent for alcohols and acids

Physical Description: Liq.

Boiling Point: Bp₃ 37°

References:

Jones, R.G. *et al.*, *J. Organomet. Chem.*, 1972, **35**, 291, (*pmr*)

Coulson, D.R., *J.O.C.*, 1973, **38**, 1483, (*synth, ir, pmr*)

Hosomi, A. *et al.*, *Chem. Lett.*, 1981, 85, (*use*)