



>>Entry Name: Trimethyl(2-methyl-2-propenyl)silane, 9CI

Synonym(s): Trimethyl(2-methylallyl)silane, 8CI. 2-Methyl-3-(trimethylsilyl)-1-propene

CAS Registry Number: 18292-38-1

$\text{H}_2\text{C}=\text{C}(\text{CH}_3)\text{CH}_2\text{SiMe}_3$

Molecular Formula: $\text{C}_7\text{H}_{16}\text{Si}$

Molecular Weight: 128.289

Accurate Mass: 128.102127

Percentage Composition: C 65.54%; H 12.57%; Si 21.89%

Use/Importance: Coupling agent. Synthetic intermed.

Boiling Point: Bp 109°

Density: d^{20}_4 0.74

Refractive Index: n^{20}_D 1.4203

References:

Petrov, A.D. *et al.*, *Zh. Obshch. Khim.*, 1958, **28**, 2085-2089, (*synth*)

Hagen, G. *et al.*, *J.A.C.S.*, 1991, **113**, 4954-4961, (*synth*)

Irrgang, B. *et al.*, *Tetrahedron*, 1991, **47**, 219-228, (*synth, use, bibl*)