



>>Entry Name: Ethenylmethylphenylsilane, 9CI

Synonym(s): Methylphenylvinylsilane

CAS Registry Number: 17878-39-6

Extra CAS Registry Numbers(s): 147377-29-5 147377-40-0

$\text{H}_2\text{C}=\text{CHSiHMePh}$

Molecular Formula: $\text{C}_9\text{H}_{12}\text{Si}$

Molecular Weight: 148.279

Accurate Mass: 148.070827

Percentage Composition: C 72.90%; H 8.16%; Si 18.94%

>>Variant: ($\pm$)-form

CAS Registry Number: 147377-51-3

Molecular Formula: $\text{C}_9\text{H}_{12}\text{Si}$

Molecular Weight: 148.279

Accurate Mass: 148.070827

Percentage Composition: C 72.90%; H 8.16%; Si 18.94%

Source/Synthesis: Synth. from $\text{H}_2\text{C}=\text{CHSiMePhCl}$ + LiAlH_4

Boiling Point: $\text{Bp}_{6,5}$ 56-56.5°

Density: d^{25} 0.89

Refractive Index: n_D^{25} 1.5115

References:

Curry, J.W., *J.A.C.S.*, 1956, **78**, 1686-1689, (*synth*)

Rakita, P.E. *et al.*, *J. Organomet. Chem.*, 1977, **137**, 145-155; **139**, 135-142, (*cmr*)

Feibush, B. *et al.*, *Anal. Chem.*, 1993, **65**, 1130-1133, (*resoln, ms*)