



>>Entry Name: (Acetato-*O*)dimethylphenylsilane

Synonym(s): Acetoxymethylphenylsilane. Dimethylphenylsilanol acetate, 9CI, 8CI

CAS Registry Number: 17887-60-4

PhSiMe₂OAc

Molecular Formula: C₁₀H₁₄O₂Si

Molecular Weight: 194.305

Accurate Mass: 194.076307

Percentage Composition: C 61.82%; H 7.26%; O 16.47%; Si 14.45%

Source/Synthesis: Synth. from PhMe₂SiCl + HOAc + Py

Physical Description: Liq.

Boiling Point: Bp₄₀ 128-129°. Bp₁ 103-105°

References:

Breed, L.W. *et al.*, *J.O.C.*, 1961, **26**, 2464; 1962, **27**, 257, (*synth*)

Schott, G. *et al.*, *Chem. Ber.*, 1967, **100**, 1773, (*synth*)

Couret, C. *et al.*, *J. Organomet. Chem.*, 1977, **141**, 35, (*synth*)