



>>Entry Name: Trimethoxyphenylsilane, 9CI

CAS Registry Number: 2996-92-1

PhSi(OMe)₃

Molecular Formula: C₉H₁₄O₃Si

Molecular Weight: 198.293

Accurate Mass: 198.071222

Percentage Composition: C 54.51%; H 7.12%; O 24.21%; Si 14.16%

Source/Synthesis: Synth. from PhSiCl₃ + MeOH

Physical Description: Liq.

Boiling Point: Bp₂₀ 110°

Density: d₄²⁵ 1.062

Refractive Index: n_D²⁵ 1.4708

Aldrich: 43565-1

Fluka: 79240

Rare Chemicals Library: S42820-5

References:

Aldrich Library of Infrared Spectra, 3rd edn., 1981, 1546B, (ir)

Corriu, R.J.P. *et al.*, *J. Organomet. Chem.*, 1972, **35**, 35, (synth)

Shergina, N.I. *et al.*, *Coll. Czech. Chem. Comm.*, 1974, **39**, 1740, (ir)

Ernst, C.R. *et al.*, *J.A.C.S.*, 1974, **96**, 5375, (Si-29 nmr)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, PGO750