



>>Entry Name: Ethoxydimethylphenylsilane, 9CI

CAS Registry Number: 1825-58-7

EtOSiMe₂Ph

Molecular Formula: C₁₀H₁₆OSi

Molecular Weight: 180.321

Accurate Mass: 180.097042

Percentage Composition: C 66.61%; H 8.94%; O 8.87%; Si 15.58%

Source/Synthesis: Synth. from Me₂Si(OEt)₂ + PhLi, or by ethanolysis of Me₂SiHPh

Boiling Point: Bp 199°

Density: d₄²⁰ 0.92

Refractive Index: n_D²⁰ 1.4809

References:

Daudt, W.H. *et al.*, *J.A.C.S.*, 1952, **74**, 386-390, (*synth*)

Dube, G. *et al.*, *Z. Anorg. Allg. Chem.*, 1974, **405**, 49-62, (*ms*)

Chuy, N.D. *et al.*, *Coll. Czech. Chem. Comm.*, 1975, **40**, 875-896, (*pmr, cmr, Si-29 nmr*)

Tour, J.M. *et al.*, *J. Organomet. Chem.*, 1992, **429**, 301-310, (*synth, ir, pmr, cmr*)

Gregg, B.T. *et al.*, *Organometallics*, 1994, **13**, 1039-1043, (*synth*)