



>>Entry Name: (Benzyloxy)trimethylsilane, 8Cl

Synonym(s): Trimethyl(phenylmethoxy)silane, 9Cl

CAS Registry Number: 14642-79-6

PhCH₂OSiMe₃

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 PhCH₂OH and Me₃SiCl

Physical Description: Liq.

Boiling Point: Bp₂₄ 96-97°. Bp₂ 52°

Aldrich: 38073-3

Fluka: 13749

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **3**, 706B, (nmr)

Holt, A. *et al.*, *J. Organomet. Chem.*, 1973, **59**, 141, (synth)

Jung, M.E. *et al.*, *Tet. Lett.*, 1977, 2659, (synth)

Harpp, D.N. *et al.*, *J.O.C.*, 1978, **43**, 3481, (synth)

Pinnick, H.W. *et al.*, *Tet. Lett.*, 1978, 4261, (synth)

Olah, G.A. *et al.*, *J.O.C.*, 1979, **44**, 4272, (synth)

Schraml, J. *et al.*, *Coll. Czech. Chem. Comm.*, 1981, **46**, 377, (Si-29 nmr)

Morita, T. *et al.*, *Synthesis*, 1981, 745, (synth)

Li, C. *et al.*, *Synth. Commun.*, 1991, **21**, 1315, (use)