



>>Entry Name: Dimethoxymethylphenylsilane, 9Cl

CAS Registry Number: 3027-21-2

PhSiMe(OMe)₂

Molecular Formula: C₉H₁₄O₂Si

Molecular Weight: 182.294

Accurate Mass: 182.076307

Percentage Composition: C 59.30%; H 7.74%; O 17.55%; Si 15.41%

Source/Synthesis: Synth. from PhSiMeCl₂ and MeOH

Use/Importance: Used in alkene polym. catalysts

Physical Description: Liq.

Boiling Point: Bp 199°. Bp₂₁ 96°

Density: d₄²⁰ 1.005

Refractive Index: n_D²⁵ 1.4778

Aldrich: 10392-6

Fluka: 68663

Rare Chemicals Library: S43120-6

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **3**, 708A, (nmr)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1668D, (ir)

Aldrich Library of Infrared Spectra, 3rd edn., 1981, 1545G, (ir)

Ojima, I. *et al.*, *J. Organomet. Chem.*, 1973, **55**, C4, (synth)

Rakita, P.E. *et al.*, *J. Organomet. Chem.*, 1977, **137**, 145, (cmr)

Okono, T. *et al.*, *Stud. Surf. Sci. Catal.*, 1990, **56**, 177, (use)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, DOH400