



>>Entry Name: Benzylchlorodimethylsilane

Synonym(s): Chlorodimethyl(phenylmethyl)silane, 9Cl

CAS Registry Number: 1833-31-4

PhCH₂SiMe₂Cl

Molecular Formula: C₉H₁₃ClSi

Molecular Weight: 184.74

Accurate Mass: 184.047504

Percentage Composition: C 58.51%; H 7.09%; Cl 19.19%; Si 15.20%

Source/Synthesis: Synth. from PhCH₂MgCl + Me₂SiCl₂

Physical Description: Liq.

Boiling Point: Bp 205-207°

Rare Chemicals Library: S41621-5

References:

Knizek, J. *et al.*, *Coll. Czech. Chem. Comm.*, 1968, **33**, 3470, (*ir*)

Gilman, H. *et al.*, *J. Organomet. Chem.*, 1968, **13**, 323, (*synth*)

Ermakova, E.G. *et al.*, *Ukr. Fiz. Zh. (Russ. edn.)*, 1971, **61**, 900; *CA*, **75**, 135294, (*uv*)

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

Schraml, J. *et al.*, *Coll. Czech. Chem. Comm.*, 1975, **40**, 897, (*cmr, Si-29 nmr*)