



>>Entry Name: Methylphenylsilane, 9CI

CAS Registry Number: 766-08-5

PhSiMeH₂

Molecular Formula: C₇H₁₀Si

Molecular Weight: 122.241

Accurate Mass: 122.055177

Percentage Composition: C 68.78%; H 8.25%; Si 22.98%

Source/Synthesis: Synth. from PhMeSiCl₂ + LiAlH₄

Physical Description: Liq.

Boiling Point: Bp 142°

Density: d₄²⁰ 0.89

Refractive Index: n_D²⁰ 1.5059

References:

Kramer, K.A.W. *et al.*, *J.C.S.*, 1963, 3604, (*synth*)

Knizek, J. *et al.*, *Coll. Czech. Chem. Comm.*, 1964, **29**, 2935, (*ir*)

Nagai, Y. *et al.*, *J. Organomet. Chem.*, 1971, **29**, 209; 1972, **35**, 81, (*synth, cmr, pmr*)

Ouellette, R.J. *et al.*, *J. Organomet. Chem.*, 1972, **39**, 267, (*cmr*)