



>>Entry Name: Benzyltriethoxysilane

Synonym(s): Triethoxy(phenylmethyl)silane, 9CI

CAS Registry Number: 2549-99-7

PhCH2Si(OEt)3

Molecular Formula: $C_{13}H_{22}O_3Si$

Molecular Weight: 254.401

Accurate Mass: 254.133822

Percentage Composition: C 61.38%; H 8.72%; O 18.87%; Si 11.04%

Source/Synthesis: Synth. from PhCH2SiCl3 + EtOH

Boiling Point: Bp 246-248°

Density: d^{20}_4 0.99

Refractive Index: n^{20}_D 1.4646

References:

Cer, L. *et al.*, *Coll. Czech. Chem. Comm.*, 1967, **32**, 3784-3786, (*synth*)

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