



>>Entry Name: Benzyltriethoxysilane

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

CAS Registry Number: 2549-99-7

$\text{PhCH}_2\text{Si}(\text{OEt})_3$

Molecular Formula: $\text{C}_{13}\text{H}_{22}\text{O}_3\text{Si}$

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 $\text{PhCH}_2\text{SiCl}_3$ + 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*)