



>>Entry Name: Tetrabutylsilane, 9CI

CAS Registry Number: 994-79-6

$(\text{H}_3\text{CCH}_2\text{CH}_2\text{CH}_2)_4\text{Si}$

Molecular Formula: $\text{C}_{16}\text{H}_{36}\text{Si}$

Molecular Weight: 256.546

Accurate Mass: 256.258627

Percentage Composition: C 74.91%; H 14.14%; Si 10.95%

Source/Synthesis: Synth. from Bu_3SiOMe and BuMgCl

Physical Description: Liq.

Boiling Point: Bp_2 120-121°

Density: d_4^{20} 0.79

Refractive Index: n_D^{20} 1.4431

Rare Chemicals Library: S81471-7

References:

Gilman, H. *et al.*, *J.A.C.S.*, 1947, **69**, 967, (*synth*)

Westermarck, H., *Acta Chem. Scand.*, 1955, **9**, 947, (*ir*)

Semylen, J.A. *et al.*, *J.C.S.*, 1964, 4948, (*synth*)

Lacout-Loustalet, M.B. *et al.*, *J. Organomet. Chem.*, 1971, **31**, 337, (*synth*)