



>>Entry Name: Tributylphenylstannane, 9CI

Synonym(s): Tributylphenyltin

CAS Registry Number: 960-16-7

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

Molecular Formula: $\text{C}_{18}\text{H}_{32}\text{Sn}$

Molecular Weight: 367.161

Accurate Mass: 366.1526

Percentage Composition: C 58.88%; H 8.78%; Sn 32.33%

Physical Description: Colourless liq.

Boiling Point: $\text{Bp}_{0.15}$ 116-118°

Refractive Index: n_{D}^{20} 1.5152

References:

Seyferth, D. *et al.*, *J.A.C.S.*, 1962, **84**, 361-364, (*synth, props*)

Shorygin, B.P. *et al.*, *Zh. Fiz. Khim.*, 1968, **42**, 1057-1064; *Russ. J. Phys. Chem. (Engl. Transl.)*, 1968, **42**, 555-559, (*uv*)

Barnard, M. *et al.*, *J. Organomet. Chem.*, 1974, **77**, 189-197, (*Sn-119 nmr*)

Gmelin Handbook Inorg. Chem., Syst. No. 46, 1975, **2**, 318, (*props*)