



>>Entry Name: Tetraoctylstannane, 10CI

CAS Registry Number: 3590-84-9

$[\text{H}_3\text{C}(\text{CH}_2)_7]_4\text{Sn}$

Molecular Formula: $\text{C}_{32}\text{H}_{68}\text{Sn}$

Molecular Weight: 571.599

Accurate Mass: 570.4343

Percentage Composition: C 67.24%; H 11.99%; Sn 20.77%

Source/Synthesis: By reaction of SnCl_4 with octylmagnesium chloride

Physical Description: Colourless oil

Boiling Point: Bp_{10} 268°

Other Data: Dec. >270°. n^{20} 1.4677

Hazard & Toxicity: LD_{50} (rat, orl) >4000 mg/kg

Rare Chemicals Library: S35594-1

Other: Gelest SNT7730

References:

Ingham, R.K. *et al.*, *Chem. Rev.*, 1960, **60**, 459, (*rev*)

Ger. Pat., 1977, 2 701 146; *CA*, **87**, 152385p, (*synth*)

Ger. Pat., 1979, 2 821 705; *CA*, **90**, 104124t, (*synth*)