



>>Entry Name: Dibromodimethylstannane, 10Cl, 9Cl

Synonym(s): Dimethyltin dibromide

CAS Registry Number: 2767-47-7

Me_2SnBr_2

Molecular Formula: $\text{C}_2\text{H}_6\text{Br}_2\text{Sn}$

Molecular Weight: 308.587

Accurate Mass: 305.825822

Percentage Composition: C 7.78%; H 1.96%; Br 51.79%; Sn 38.47%

Source/Synthesis: Synth. from Me_4Sn and SnBr_4

Physical Description: White cryst.

Melting Point: Mp 75-77°

Boiling Point: Bp 209°

Solubility: Sol. org. solvs., H_2O

Aldrich: 33554-1

References:

Aldrich Library of ^{13}C and ^1H FT NMR Spectra, 1992, **3**, 740C, (*nmr*)

Krebs, A. *et al.*, *J.O.C.*, 1963, **28**, 1911, (*ir*)

Gerrard, W. *et al.*, *J.C.S.*, 1964, 740, (*synth*)

Van den Berghe, E.V. *et al.*, *J. Organomet. Chem.*, 1966, **5**, 383, (*nmr*)

Clark, R.J.H. *et al.*, *J.C.S.(A)*, 1968, 1828, (*ir*, *Raman*)

Stöckler, H.A. *et al.*, *Trans. Faraday Soc.*, 1968, **64**, 577, (*Mössbauer*)

Petrosyan, V.S. *et al.*, *J. Magn. Reson.*, 1980, **40**, 511, (*nmr*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, DUG800