



>>Entry Name: Tetracyclohexylstannane, 9CI

Synonym(s): Tin tetracyclohexyl. Tetracyclohexyltin

CAS Registry Number: 1449-55-4

SnCy₄

Molecular Formula: C₂₄H₄₄Sn

Molecular Weight: 451.322

Accurate Mass: 450.2465

Percentage Composition: C 63.87%; H 9.83%; Sn 26.30%

Source/Synthesis: From SnCl₄ and CyMgBr in C₆H₆

Physical Description: Plates (C₆H₆) or white solid

Melting Point: Mp 263-264°

Solubility: Spar. sol. hot EtOH, warm Et₂O

Rare Chemicals Library: S76531-7

References:

Krause, E., *Ber.*, 1924, **57**, 535, (*synth*)

Boue, S. *et al.*, *Bull. Soc. Chim. Belg.*, 1968, **77**, 43, (*ms*)

Maddock, A.G. *et al.*, *J.C.S.(A)*, 1971, 1191, (*Mössbauer*)

Penk, T. *et al.*, *Org. Magn. Reson.*, 1971, **3**, 679, (*cmr*)

U.S. Pat., 1971, 3 607 892; *CA*, **75**, 140987, (*synth*)

Lippmann, E.T. *et al.*, *J.A.C.S.*, 1978, **100**, 1929, (*nmr*)