



>>Entry Name: Tetra-*tert*-butoxytin

Synonym(s): Tin(IV) *tert*-butoxide. Tetra-*tert*-butyl stannate(IV). Stannic *tert*-butoxide

CAS Registry Number: 36809-75-3

Sn[OC(CH3)3]4

Molecular Formula: C₁₆H₃₆O₄Sn

Molecular Weight: 411.168

Accurate Mass: 410.16356

Percentage Composition: C 46.74%; H 8.82%; O 15.56%; Sn 28.87%

Source/Synthesis: Synth. from SnCl₄ + Et₂NH followed by Bu^tOH

Physical Description: Cryst.

Melting Point: Mp 40-42°

Boiling Point: Bp₄ 99°

Other: Gelest SNT7064

References:

Chandler, C.D. *et al.*, *Aust. J. Chem.*, 1987, **40**, 1427-1439, (*synth, Sn-119 nmr*)

Hampden-Smith, M.J. *et al.*, *Can. J. Chem.*, 1991, **69**, 121-129, (*synth, ir, pmr, cmr, Sn-119 nmr, cryst struct*)