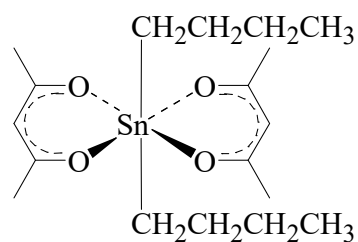




>>Entry Name: Dibutylbis(2,4-pentanedionato)tin, 9CI

Synonym(s): Bis(acetylacetonato)dibutyltin



CAS Registry Number: 149715-03-7

Extra CAS Registry Numbers(s): 50701-16-1

Molecular Formula: C₁₈H₃₂O₄Sn

Molecular Weight: 431.158

Accurate Mass: 430.13226

Percentage Composition: C 50.14%; H 7.48%; O 14.84%; Sn 27.53%

General Statement: Exists as the *trans*-form

>>Variant: *trans*-form

CAS Registry Number: 22673-19-4

Molecular Formula: C₁₈H₃₂O₄Sn

Molecular Weight: 431.158

Accurate Mass: 430.13226

Percentage Composition: C 50.14%; H 7.48%; O 14.84%; Sn 27.53%

Source/Synthesis: Synth. from Bu₂SnCl₂ + Hacac

Boiling Point: Bp_{0.4} 132°

Hazard & Toxicity: Fl. p. 91°

Other: Gelest SND2950

References:

U.K. Pat., 1958, 806 535; CA, **53**, 13496f, (*synth*)

Domazetis, G. *et al.*, J. Inorg. Nucl. Chem., 1979, **41**, 1547-1553, (*synth, ir, pmr*)

Holecek, J. *et al.*, J. Organomet. Chem., 1986, **315**, 299-308, (*cmr, Sn-119 nmr*)