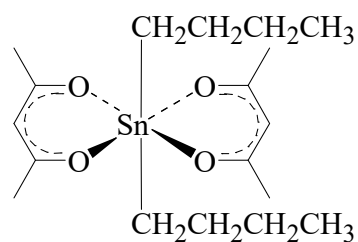




>>Entry Name: Dibutylbis(2,4-pentanedionato)tin, 9CI

Synonym(s): Bis(acetylacetonato)dibutyltin



CAS Registry Number: 149715-03-7

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

Molecular Formula: $C_{18}H_{32}O_4Sn$

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: $C_{18}H_{32}O_4Sn$

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 Bu_2SnCl_2 + 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*)