



>>Entry Name: Dibutyldifluorotin

Synonym(s): Dibutyldifluorostannane, 9CI. Dibutyltin difluoride

CAS Registry Number: 563-25-7

$(\text{H}_3\text{CCH}_2\text{CH}_2\text{CH}_2)_2\text{SnF}_2$

Molecular Formula: $\text{C}_8\text{H}_{18}\text{F}_2\text{Sn}$

Molecular Weight: 270.937

Accurate Mass: 270.039856

Percentage Composition: C 35.47%; H 6.70%; F 14.02%; Sn 43.81%

Source/Synthesis: Synth. from Bu_2SnCl_2 + KF

Physical Description: Cryst. (EtOH)

Melting Point: Mp 157-159°

Hazard & Toxicity: $\text{LD}_{50}(\text{rbt, orl})$ 200 mg/kg

Other: Gelest SND3255

References:

Alleston, D.L. *et al.*, *J.C.S.*, 1962, 2050-2054, (*synth*)