



>>Entry Name: Tributyltrifluoromethanesulfonatotin

Synonym(s): Tributyl[[[(trifluoromethyl)sulfonyl]oxy]stannane, 9CI

CAS Registry Number: 68725-14-4

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

Molecular Formula: $\text{C}_{13}\text{H}_{27}\text{F}_3\text{O}_3\text{SSn}$

Molecular Weight: 439.126

Accurate Mass: 438.065499

Percentage Composition: C 35.56%; H 6.20%; F 12.98%; O 10.93%; S 7.30%; Sn 27.03%

Source/Synthesis: Synth. from $\text{Bu}_3\text{SnCl} + \text{F}_3\text{CSO}_3\text{Ag}$

Melting Point: Mp 31-34°

Boiling Point: $\text{Bp}_{0.08}$ 156-157°

Hazard & Toxicity: Fl. p. >110°

Other: Gelest SNT8140

References:

Farah, D. *et al.*, *J. Organomet. Chem.*, 1992, **429**, 311-334, (*synth, pmr, cmr, Sn-119 nmr*)