



>>Entry Name: Diocetylbis[(1-oxododecyl)oxy]stannane, 9CI

Synonym(s): Bis(lauroyloxy)diocetyl tin. Diocetyl tin dilaurate

CAS Registry Number: 3648-18-8

$[\text{H}_3\text{C}(\text{CH}_2)_{10}\text{COO}]_2\text{Sn}[(\text{CH}_2)_7\text{CH}_3]_2$

Molecular Formula: $\text{C}_{40}\text{H}_{80}\text{O}_4\text{Sn}$

Molecular Weight: 743.78

Accurate Mass: 742.50786

Percentage Composition: C 64.59%; H 10.84%; O 8.60%; Sn 15.96%

Source/Synthesis: Synth. from Dichlorodioctylstannane [DDY82-P](#) + sodium dodecanoate

Use/Importance: Catalyst for cross-linking of siloxanes

Physical Description: Waxy solid

References:

Van der Kerk, G.J.M. *et al.*, *J. Appl. Chem.*, 1957, **7**, 356-365, (*synth*)