



>>Entry Name: Azidotributylstannane, 9CI

Synonym(s): Tributyltin azide

CAS Registry Number: 17846-68-3

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

Molecular Formula: $\text{C}_{12}\text{H}_{27}\text{N}_3\text{Sn}$

Molecular Weight: 332.075

Accurate Mass: 331.122697

Percentage Composition: C 43.40%; H 8.19%; N 12.65%; Sn 35.75%

Use/Importance: Synthetic intermed.

Physical Description: Liq.

Boiling Point: Bp₁ 126°

References:

Lorberth, J. *et al.*, *Chem. Ber.*, 1967, **100**, 3511-3519, (*synth*)

Cheng, H.-S. *et al.*, *Inorg. Chem.*, 1970, **9**, 1686-1690, (*synth, ir*)

Patonay, T. *et al.*, *Arch. Pharm. (Weinheim, Ger.)*, 1994, **327**, 181-186, (*use*)