



>>Entry Name: Tributyl(phenylethynyl)stannane, 9Cl

CAS Registry Number: 3757-88-8

$\text{PhC}\equiv\text{CSn}(\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_3)_3$

Molecular Formula: $\text{C}_{20}\text{H}_{32}\text{Sn}$

Molecular Weight: 391.183

Accurate Mass: 390.1526

Percentage Composition: C 61.41%; H 8.24%; Sn 30.35%

Source/Synthesis: Synth. from Bu_3SnCl + $\text{PhC}\equiv\text{CLi}$

Physical Description: Liq.

Boiling Point: Bp_1 190°

References:

Lorboeth, J. *et al.*, *J. Organomet. Chem.*, 1969, **16**, 327-331, (*synth, ir, pmr*)

Moloney, M.G. *et al.*, *J.C.S. Perkin I*, 1989, 333-341, (*synth*)