Typical Product Specifications & Properties

(3-Chlorothiophen-2-yl)trimethylstannane

CAS Number: : 157193-77-6

Specifications	Limits
Molecular Formula	C7H11ClSSn
Molecular weight	
Canonicalized Compound	1
Compound Complexity	121
Hydrogen Bond Acceptor Count	1
Hydrogen Bond Donor Count	
Rotatable Bond Count	1
Allowed IUPAC Name	(3-chloro-2-thienyl)-trimethyl-stannane
CAS-like Style IUPAC Name	(3-chloro-2-thiophenyl)-trimethylstannane
Markup IUPAC Name	(3-chlorothiophen-2-yl)-trimethylstannane
Preferred IUPAC Name	(3-chlorothiophen-2-yl)-trimethylstannane
Systematic IUPAC Name	(3-chloranylthiophen-2-yl)-trimethyl-stannane

Specifications	Limits
Traditional IUPAC Name	(3-chloro-2-thienyl)-trimethyl-stannane
Standard InChI	InChI=1S/C4H2ClS.3CH3.Sn/c5-4-1-2-6-3-4;;;;/h1-2H;3*1H3;
Standard InChIKey	NZZZNAAQWKFJKY-UHFFFAOYSA-N
Exact Mass	281.929202
Molecular Weight	281.39
Canonical SMILES	C[Sn](C)(C)C1=C(C=CS1)Cl
Isomeric SMILES	C[Sn](C)(C)C1=C(C=CS1)Cl
Polar Surface Area Topological	28.2
MonoIsotopic Weight	281.929202
Chemical Structure	615597 615597_-3-chlorothiophen-2-yl-trimethylstannane.png chemical structure
Chemical Structure	chemicalStructure--3-chlorothiophen-2-yl-trimethylstannane