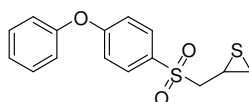




Certificate of Analysis

Axon Catalogue ID: 2370 **Batch Number:** 1
Product Name: SB-3CT
Alternative Name(s): N.A.
IUPAC Name: 2-((4-Phenoxyphenylsulfonyl)methyl)thiirane

Structure:



Amount:

CAS number(s): 292605-14-2
Molecular Formula: C₁₅H₁₄O₃S₂ **Molecular Weight:** 306.40
Batch Molecular Formula: C₁₅H₁₄O₃S₂ **Batch Molecular Weight:** 306.40
Appearance: White solid **Observed mp:** 96.5 - 97.6 °C
TLC (R_f): 0.25 Hex/EtOAc (9:1)
Chemical Purity: 98.5%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 58.80, H 4.61, N 0.00; Found: C 58.82, H 4.44, N <0.10
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	30.6	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 10-02-2020

The purity of Axon Ligands is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to info@axonmedchem.com indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only