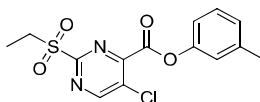




Certificate of Analysis

Axon Catalogue ID: 4374 **Batch Number:** 1
Product Name: SBI-115
Alternative Name(s): N.A.
IUPAC Name: 1,3-Tolyl 5-chloro-2-(ethylsulfonyl)-4-pyrimidinecarboxylate

Structure:



Amount:

CAS number(s): 882366-16-7
Molecular Formula: C₁₄H₁₃ClN₂O₄S **Molecular Weight:** 340.78
Batch Molecular Formula: C₁₄H₁₃ClN₂O₄S **Batch Molecular Weight:** 340.78
Appearance: White solid **Observed mp:** 108 - 109 °C
TLC (R_f): 0.7 Hex/EtOAc (1:1)
Chemical Purity: 99.8%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 49.34, H 3.85, N 8.22; Found: C 49.23, H 3.77, N 8.18
Storage Conditions: Store at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	34.1	>100 mM	
	EtOH	0.0	0.0	Insoluble

Remarks:

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