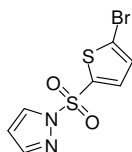




Certificate of Analysis

Axon Catalogue ID: 3012 **Batch Number:** 1
Product Name: QStatin
Alternative Name(s): N.A.
IUPAC Name: 1-(5-Bromothiophen-2-ylsulfonyl)-1H-pyrazole

Structure:



Amount:

CAS number(s): 902688-24-8
Molecular Formula: C₇H₅BrN₂O₂S2 **Molecular Weight:** 293.16
Batch Molecular Formula: C₇H₅BrN₂O₂S2 **Batch Molecular Weight:** 293.16
Appearance: White solid **Observed mp:** 115 °C
TLC (R_f): 0.75 DCM/MeOH (9:1)
Chemical Purity: 99.1%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 28.68, H 1.72, N 9.56; Found: C 29.01, H 1.71, N 9.54
Storage Conditions: Store at +4 °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	29.3	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 24-10-2019

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