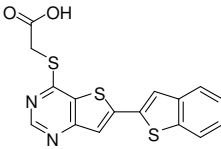




Certificate of Analysis

Axon Catalogue ID:	3395	Batch Number:	1																								
Product Name:	SGC-STK17B-1																										
Alternative Name(s):	N.A.																										
IUPAC Name:	2-(6-(Benzo[b]thiophen-2-yl)thieno[3,2-d]pyrimidin-4-ylthio)acetic acid																										
Structure:		Amount:																									
CAS number(s):	2650530-00-8																										
Molecular Formula:	C ₁₆ H ₁₀ N ₂ O ₂ S ₃	Molecular Weight:	358.46																								
Batch Molecular Formula:	C ₁₆ H ₁₀ N ₂ O ₂ S ₃	Batch Molecular Weight:	358.46																								
Appearance:	Light-yellow solid	Observed mp:	245 °C (decomp)																								
TLC (R_f):	0.49	DCM/MeOH/FA (9:1:0.1)																									
Chemical Purity:	98.6%																										
¹H-NMR:	Analytical data confirm chemical structure																										
Mass Spec:	Analytical data confirm chemical structure																										
Microanalysis:	Calculated: C 53.61, H 2.81, N 7.81; Found: C 53.53, H 2.81, N 7.75																										
Storage Conditions:	Store at +4 °C																										
Solubility Data:	<table><thead><tr><th>Solvent</th><th>Solubility (mg/ml)</th><th>Solubility (mM)</th><th>Remarks</th></tr></thead><tbody><tr><td>Water</td><td>0.0</td><td>0.0</td><td>Insoluble</td></tr><tr><td>0.1N NaOH (aq)</td><td>0.0</td><td>0.0</td><td>Insoluble</td></tr><tr><td>0.1N HCl (aq)</td><td></td><td></td><td>Not Tested</td></tr><tr><td>DMSO</td><td>35.8</td><td>>100 mM</td><td></td></tr><tr><td>EtOH</td><td>0.0</td><td>0.0</td><td>Insoluble</td></tr></tbody></table>	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks	Water	0.0	0.0	Insoluble	0.1N NaOH (aq)	0.0	0.0	Insoluble	0.1N HCl (aq)			Not Tested	DMSO	35.8	>100 mM		EtOH	0.0	0.0	Insoluble		
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EtOH	0.0	0.0	Insoluble																								
Remarks:	Electrostatic.																										
QC Date:	24-12-2021																										

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