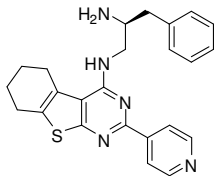




Certificate of Analysis

Axon Catalogue ID:	2656	Batch Number:	1																								
Product Name:	CRT0066854																										
Alternative Name(s):	N.A.																										
IUPAC Name:	(2S)-3-Phenyl-1-N-(2-pyridin-4-yl-5,6,7,8-tetrahydro-[1]benzothio[2,3-d]pyrimidin-4-yl)propane-1,2-diamine																										
Structure:		Amount:																									
CAS number(s):	1438881-19-6																										
Molecular Formula:	C24H25N5S	Molecular Weight:	415.55																								
Batch Molecular Formula:	C24H25N5S	Batch Molecular Weight:	415.55																								
Appearance:	Off-white solid	Observed mp:	> 200°C (decomp)																								
TLC (R_f):	0.5	DCM/MeOH (9:1)																									
Chemical Purity:	99.7%																										
¹H-NMR:	Analytical data confirm chemical structure																										
Mass Spec:	Analytical data confirm chemical structure																										
Microanalysis:	Calculated: C 69.37, H 6.06, N 16.85; Found: C 69.14, H 6.19, N 16.71																										
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></td><td></td><td>Not Tested</td></tr><tr><td>0.1N HCl (aq)</td><td>14.2</td><td>34.2</td><td></td></tr><tr><td>DMSO</td><td>41.6</td><td>>100 mM</td><td></td></tr><tr><td>EtOH</td><td></td><td></td><td>Not Tested</td></tr></tbody></table>	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks	Water	0.0	0.0	Insoluble	0.1N NaOH (aq)			Not Tested	0.1N HCl (aq)	14.2	34.2		DMSO	41.6	>100 mM		EtOH			Not Tested		
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Remarks:																											
QC Date:	8-3-2022																										

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