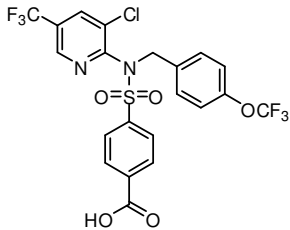




Certificate of Analysis

Axon Catalogue ID:	2498	Batch Number:	1																								
Product Name:	RQ 00203078																										
Alternative Name(s):	N.A.																										
IUPAC Name:	4-(N-(3-Chloro-5-(trifluoromethyl)pyridin-2-yl)-N-(4-(trifluoromethoxy)benzyl)sulfamoyl)benzoic acid																										
Structure:		Amount:																									
CAS number(s):	1254205-52-1																										
Molecular Formula:	C ₂₁ H ₁₃ ClF ₆ N ₂ O ₅ S	Molecular Weight:	554.85																								
Batch Molecular Formula:	C ₂₁ H ₁₃ ClF ₆ N ₂ O ₅ S	Batch Molecular Weight:	554.85																								
Appearance:	White solid	Observed mp:	185.4 - 187.3 °C																								
TLC (R_f):	0.75	DCM/MeOH/AcOH (9:1:0.01)																									
Chemical Purity:	99.4%																										
Optical Purity (ee):	N.A.																										
¹H-NMR:	Analytical data confirm chemical structure																										
Mass Spec:	Analytical data confirm chemical structure																										
Microanalysis:	Calculated: C 45.46, H 2.36, N 5.05; Found: C 45.59, H 2.47, N 4.91																										
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></td><td></td><td>Not Tested</td></tr><tr><td>0.1N NaOH (aq)</td><td>8.0</td><td>14.4</td><td></td></tr><tr><td>0.1N HCl (aq)</td><td></td><td></td><td>Not Tested</td></tr><tr><td>DMSO</td><td>46.7</td><td>84.1</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			Not Tested	0.1N NaOH (aq)	8.0	14.4		0.1N HCl (aq)			Not Tested	DMSO	46.7	84.1		EtOH			Not Tested		
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Remarks:																											
QC Date:	15-10-2020																										

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