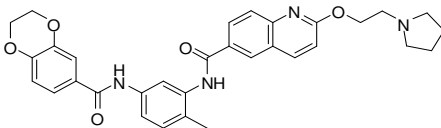




Certificate of Analysis

Axon Catalogue ID:	2699	Batch Number:	1																								
Product Name:	CCT251236																										
Alternative Name(s):	N.A.																										
IUPAC Name:	N-(5-(2,3-Dihydrobenzo[b][1,4]dioxine-6-carboxamido)-2-methylphenyl)-2-(2-(pyrrolidin-1-yl)ethoxy)quinoline-6-carboxamide																										
Structure:		Amount:																									
CAS number(s):	1693731-40-6																										
Molecular Formula:	C32H32N4O5	Molecular Weight:	552.62																								
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Appearance:	White solid	Observed mp:	219 - 220 °C (decomp.)																								
TLC (R_f):	0.6	DCM/MeOH/NH ₃ (9:1:0.1)																									
Chemical Purity:	99.3%																										
¹H-NMR:	Analytical data confirm chemical structure																										
Mass Spec:	Analytical data confirm chemical structure																										
Microanalysis:	Calculated: C 69.55, H 5.84, N 10.13; Found: C 69.30, H 5.87, N 10.15																										
Storage Conditions:	Store at -20 °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>20.0</td><td>36.2</td><td></td></tr><tr><td>DMSO</td><td>38.7</td><td>70.0</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)	20.0	36.2		DMSO	38.7	70.0		EtOH			Not Tested		
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Remarks:																											
QC Date:	14-10-2022																										

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