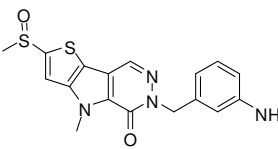




Certificate of Analysis

Axon Catalogue ID:	2240	Batch Number:	2																								
Product Name:	TEPP-46																										
Alternative Name(s):	ML265																										
IUPAC Name:	10-[(3-Aminophenyl)methyl]-7-methyl-4-methylsulfinyl-3-thia-7,10,11-triazatricyclo[6.4.0.0.2,6]dodeca-1(8),2(6),4,11-tetraen-9-one																										
Structure:		Amount:																									
CAS number(s):	1221186-53-3																										
Molecular Formula:	C17H16N4O2S2	Molecular Weight:	372.07																								
Batch Molecular Formula:	C17H16N4O2S2.0.5H2O	Batch Molecular Weight:	381.08																								
Appearance:	Off-white solid	Observed mp:	184 - 185 °C																								
TLC (R_f):	0.25	DCM/MeOH (20:1)																									
Chemical Purity:	99.3%																										
¹H-NMR:	Analytical data confirm chemical structure																										
Mass Spec:	Analytical data confirm chemical structure																										
Microanalysis:	Calculated: C 53.52, H 4.49, N 14.69; Found: C 53.59, H 4.48, N 14.50																										
Storage Conditions:	Desiccate 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></td><td></td><td>Not Tested</td></tr><tr><td>DMSO</td><td>38.1</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)			Not Tested	DMSO	38.1	>100 mM		EtOH			Not Tested		
Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks																								
Water	0.0	0.0	Insoluble																								
0.1N NaOH (aq)			Not Tested																								
0.1N HCl (aq)			Not Tested																								
DMSO	38.1	>100 mM																									
EtOH			Not Tested																								
Remarks:																											
QC Date:	23-12-2021																										

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