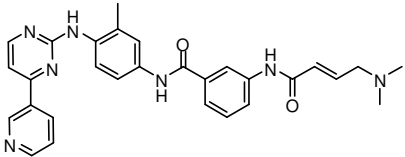




Certificate of Analysis

Axon Catalogue ID:	2361	Batch Number:	1																								
Product Name:	JNK-IN-8																										
Alternative Name(s):	N.A.																										
IUPAC Name:	(E)-3-(4-(Dimethylamino)but-2-enamido)-N-(3-methyl-4-(4-(pyridin-3-yl)pyrimidin-2-ylamino)phenyl)benzamide																										
Structure:		Amount:																									
CAS number:	1410880-22-6																										
Batch Molecular Formula:	C29H29N7O2	Batch MW:	507.59																								
Appearance:	Pale yellow solid	Observed mp:	196.0 - 197.6 °C																								
TLC (R_f):	0.39	DCM/MeOH (9:1)																									
Chemical Purity:	98.7%																										
Optical Purity (ee):																											
¹H-NMR (300 MHz):	Analytical data confirm chemical structure																										
Mass Spec:	Analytical data confirm chemical structure																										
Microanalysis:	Calculated: C 68.62 , H 5.76 , N 19.31 Found: C 68.27 , H 5.83 , N 19.41																										
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></td><td></td><td>Not Tested</td></tr><tr><td>0.1N HCl (aq)</td><td>0.0</td><td>0.0</td><td>Insoluble</td></tr><tr><td>DMSO</td><td>20.0</td><td>39.4</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)			Not Tested	0.1N HCl (aq)	0.0	0.0	Insoluble	DMSO	20.0	39.4		EtOH			Not Tested		
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Remarks:																											
QC Date:	06-10-2014																										

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