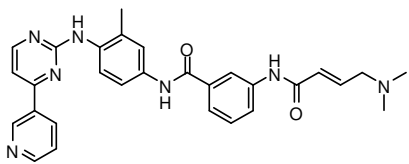


Certificate of Analysis

Axon Catalogue ID:	2361	Batch Number:	2
Product Name:	JNK-IN-8		
Alternative Name(s):	JNK Inhibitor XVI		
IUPAC Name:	3-(4-(Dimethylamino)but-2-enamido)-N-(3-methyl-4-(4-(pyridin-3-yl)pyrimidin-2-ylamino)phenyl)benzamide		
Structure:			Amount:
CAS number(s):	1410880-22-6		
Molecular Formula:	C ₂₉ H ₂₉ N ₇ O ₂	Molecular Weight:	507.59
Batch Molecular Formula:	C ₂₉ H ₂₉ N ₇ O ₂ .0.25H ₂ O	Batch Molecular Weight:	512.09
Appearance:	Pale-yellow solid		Observed mp: 193.4 - 194.3 °C
TLC (R_f):	0.17	DCM/MeOH (9:1)	
Chemical Purity:	99.1%		
Optical Purity (ee):	N.A.		
¹H-NMR:	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 68.02, H 5.81, N 19.15; Found: C 68.16, H 6.68, N 19.20		
Storage Conditions:	Store at +4 °C		
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)
	Water		
	0.1N NaOH (aq)		
	0.1N HCl (aq)	0.0	0.0
	DMSO	48.0	93.7
	EtOH		
			Not Tested
			Not Tested
			Insoluble
			Not Tested
Remarks:			
QC Date:	7-6-2021		

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