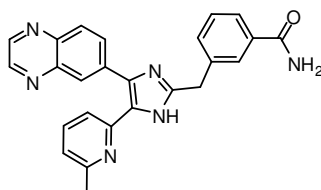




Certificate of Analysis

Axon Catalogue ID: 2236 **Batch Number:** 1
Product Name: IN 1130
Alternative Name(s): N.A.
IUPAC Name: 3-((5-(6-Methylpyridin-2-yl)-4-(quinoxalin-6-yl)-1H-imidazol-2-yl)methyl)benzamide

Structure:



Amount:

CAS number(s): 868612-83-3
Molecular Formula: C₂₅H₂₀N₆O **Molecular Weight:** 420.47
Batch Molecular Formula: C₂₅H₂₀N₆O.1H₂O **Batch Molecular Weight:** 438.48
Appearance: Yellow solid **Observed mp:** 142 - 144 °C
TLC (R_f): 0.3 DCM/MeOH (9:1)
Chemical Purity: 99.2%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 68.48, H 5.06, N 19.17; Found: C 68.61, H 5.14, N 19.17
Storage Conditions: Store at +4 °C

Solubility Data:	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	43.8	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 02-04-2020

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