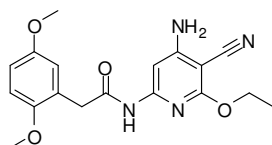




Certificate of Analysis

Axon Catalogue ID: 2949 **Batch Number:** 1
Product Name: JNK inhibitor VIII
Alternative Name(s): JNK inhibitor compound 6o
IUPAC Name: N-(4-Amino-5-cyano-6-ethoxy-pyridin-2-yl)-2-(2,5-dimethoxyphenyl)acetamide

Structure:



Amount:

CAS number(s): 894804-07-0
Molecular Formula: C₁₈H₂₀N₄O₄ **Molecular Weight:** 356.38
Batch Molecular Formula: C₁₈H₂₀N₄O₄·0.25H₂O **Batch Molecular Weight:** 360.88
Appearance: White solid **Observed mp:** 206.4 - 209.8 °C
TLC (R_f): 0.8 DCM/MeOH (9:1)
Chemical Purity: 99.8%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 59.91, H 5.73, N 15.53; Found: C 59.65, H 5.47, N 15.29
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)	0.0	0.0	Insoluble
	DMSO	36.1	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 22-07-2019

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