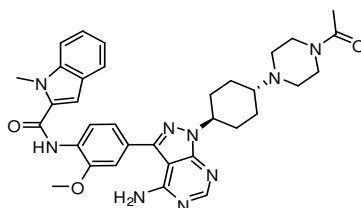




Certificate of Analysis

Axon Catalogue ID: 1698 **Batch Number:** 1
Product Name: A 770041
Alternative Name(s): N.A.
IUPAC Name: N-(4-(1-((1r,4r)-4-(4-Acetylpiperazin-1-yl)cyclohexyl)-4-amino-1H-pyrazolo[3,4-d]pyrimidin-3-yl)-2-methoxyphenyl)-1-methyl-1H-indole-2-carboxamide

Structure:



Amount:

CAS number(s): 869748-10-7
Molecular Formula: C₃₄H₃₉N₉O₃ **Molecular Weight:** 621.73
Batch Molecular Formula: C₃₄H₃₉N₉O₃ **Batch Molecular Weight:** 621.73
Appearance: White solid **Observed mp:** 164 °C
TLC (R_f): 0.33 DCM/MeOH (9:1)
Chemical Purity: 99.3%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 65.68, H 6.32, N 20.28; Found: C ND, H ND, N ND
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	21.7	34.9	
	DMSO	24.2	38.9	
	EtOH	3.6	5.8	

Remarks:

QC Date: 23-05-2018

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