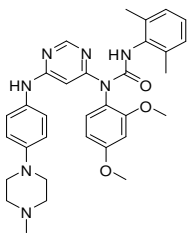




Certificate of Analysis

Axon Catalogue ID:	2311	Batch Number:	3	
Product Name:	HG-9-91-01			
Alternative Name(s):	N.A.			
IUPAC Name:	1-(2,4-Dimethoxyphenyl)-3-(2,6-dimethylphenyl)-1-(6-(4-(4-methylpiperazin-1-yl)phenylamino)pyrimidin-4-yl)urea			
Structure:			Amount:	
CAS number(s):	1456858-58-4			
Molecular Formula:	C32H37N7O3	Molecular Weight:	567.68	
Batch Molecular Formula:	C32H37N7O3.0.25H2O	Batch Molecular Weight:	572.19	
Appearance:	Beige solid	Observed mp:	119.5 - 121.3 °C	
TLC (R_f):	0.3	DCM/MeOH (9:1)		
Chemical Purity:	99.1%			
¹H-NMR:	Analytical data confirm chemical structure			
Mass Spec:	Analytical data confirm chemical structure			
Microanalysis:	Calculated: C 67.17, H 6.61, N 17.14; Found: C 66.92, H 6.50, N 17.00			
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)	18.0	31.5	
	DMSO	57.2	>100 mM	
	EtOH	54.0	94.4	
Remarks:				
QC Date:	9-9-2021			

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