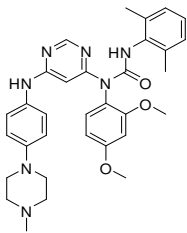




Certificate of Analysis

Axon Catalogue ID:	2311	Batch Number:	2	
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:	White solid	Observed mp:	116.8 - 118.5 °C	
TLC (R_f):	0.3	DCM/MeOH (9:1)		
Chemical Purity:	98.2%			
Optical Purity (ee):	N.A.			
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 67.13, H 6.68, N 17.09			
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)	4.8	8.4	
	DMSO	22.0	38.4	
	EtOH			Not Tested
Remarks:				
QC Date:	28-6-2021			

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