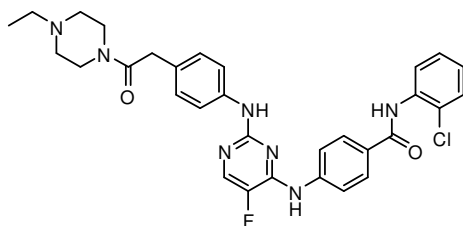




Certificate of Analysis

Axon Catalogue ID: 1597 **Batch Number:** 1
Product Name: Aurora A inhibitor I
Alternative Name(s): N.A.
IUPAC Name: N-(2-Chlorophenyl)-4-(2-(4-(2-(4-ethylpiperazin-1-yl)-2-oxoethyl)phenylamino)-5-fluoropyrimidin-4-ylamino)benzamide

Structure:



Amount:

CAS number(s): 1158838-45-9
Molecular Formula: C₃₁H₃₁ClFN₇O₂ **Molecular Weight:** 588.07
Batch Molecular Formula: C₃₁H₃₁ClFN₇O₂ **Batch Molecular Weight:** 588.07
Appearance: White solid **Observed mp:** >193 °C (decomp)
TLC (R_f): 0.5 DCM/MeOH (9:1)
Chemical Purity: 98.7%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 63.31, H 5.31, N 16.67; Found: C ND, H ND, N ND
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)	0.0	0.0	Insoluble
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	48.0	81.6	
	EtOH			Not Tested

Remarks:

QC Date: 12-02-2019

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