



Certificate of Analysis

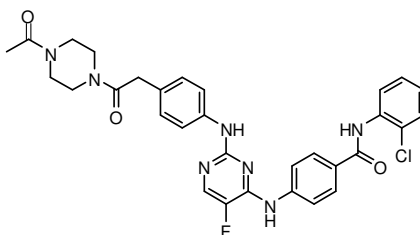
Axon Catalogue ID: 1630 **Batch Number:** 1

Product Name: Aurora A inhibitor II

Alternative Name(s): N.A.

IUPAC Name: 4-(2-(4-(2-(4-Acetylpiperazin-1-yl)-2-oxoethyl)phenylamino)-5-fluoropyrimidin-4-ylamino)-N-(2-chlorophenyl)benzamide

Structure:



Amount:

CAS number(s): 1158838-43-7

Molecular Formula: C₃₁H₂₉ClFN₇O₃ **Molecular Weight:** 602.06

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Appearance: White solid **Observed mp:** 233 - 234.5 °C

TLC (R_f): 0.5 DCM/MeOH (9:1)

Chemical Purity: 98.6%

Optical Purity (ee): N.A.

¹H-NMR: Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Calculated: C 61.84, H 4.86, N 16.29; 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)			Not Tested
	DMSO	28.0	46.5	
	EtOH			Not Tested

Remarks:

QC Date: 7-4-2021

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