



Certificate of Analysis

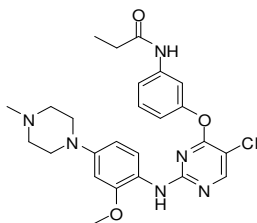
Axon Catalogue ID: 2385 **Batch Number:** 1

Product Name: WZ 4003

Alternative Name(s): N.A.

IUPAC Name: N-(3-(5-Chloro-2-(2-methoxy-4-(4-methylpiperazin-1-yl)phenylamino)pyrimidin-4-yloxy)phenyl)propionamide

Structure:



Amount:

CAS number(s): 1214265-58-3

Molecular Formula: C₂₅H₂₉ClN₆O₃ **Molecular Weight:** 496.99

Batch Molecular Formula: C₂₅H₂₉ClN₆O₃.1H₂O **Batch Molecular Weight:** 515.00

Appearance: Light-yellow solid **Observed mp:** 204 °C

TLC (R_f): 0.4 DCM:MeOH (9:1)

Chemical Purity: 99.5%

Optical Purity (ee): N.A.

¹H-NMR (300 MHz): Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Calculated: C 58.30, H 6.07, N 16.32; Found: C 58.44, H 5.94, N 16.39

Storage Conditions: Store at -20 °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)	11.5	22.3	
	DMSO	4.8	9.2	
	EtOH			Not Tested

Remarks:

QC Date: 23-7-2020

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