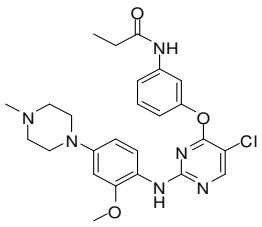
Certificate of Analysis

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:	1214265-58-3		
Batch Molecular Formula:	C25H29ClN6O3.H2O	**Batch MW:**	515.01
Appearance:	Light yellow powder	**Observed mp:**	204 °C
TLC (R_f)**:**	0.4 DCM/MeOH (9:1)		
Chemical Purity:	99.7%		
Optical Purity (ee):	N.A.		
1H-NMR (300 MHz):	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 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: 27-05-2015

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

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