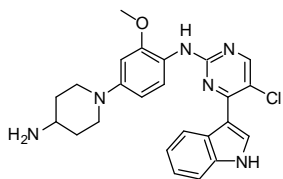




Certificate of Analysis

Axon Catalogue ID: 2153 **Batch Number:** 1
Product Name: AZD 3463
Alternative Name(s): N.A.
IUPAC Name: N-(4-(4-aminopiperidin-1-yl)-2-methoxyphenyl)-5-chloro-4-(1H-indol-3-yl)pyrimidin-2-amine

Structure:



Amount:

CAS number: 1356962-20-3 **MW:** 448.95
Batch Molecular Formula: C₂₄H₂₅ClN₆O·0.5H₂O **Batch MW:** 457.96
Appearance: Off-white solid **Observed mp:** 225.2 - 228.9 °C
TLC (R_f): 0.3 DCM/MeOH/NH₃ (9:1:0.1)
Chemical Purity: 99.7%
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: C, H, and N fit within 0.4% of theoretical calculation

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)	12.4	27.0	
	DMSO	7.8	17.0	
	EtOH			Not Tested

Remarks: Microanalysis: Calcd. C 62.94 H 5.72 N 18.35 Found: C 63.14 H 5.71 N 18.28

QC Date: 8/20/2013

The purity of Axon products 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 Axon Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only