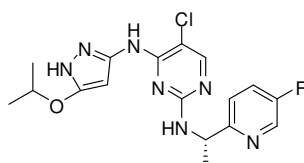




Certificate of Analysis

Axon Catalogue ID: 1610 **Batch Number:** 3
Product Name: AZ 23
Alternative Name(s): N.A.
IUPAC Name: (S)-5-Chloro-N2-(1-(5-fluoropyridin-2-yl)ethyl)-N4-(5-isopropoxy-1H-pyrazol-3-yl)pyrimidine-2,4-diamine

Structure:



Amount:

CAS number(s): 915720-21-7
Molecular Formula: C₁₇H₁₉ClFN₇O **Molecular Weight:** 391.83
Batch Molecular Formula: C₁₇H₁₉ClFN₇O **Batch Molecular Weight:** 391.83
Appearance: White solid **Observed mp:** 92 - 93 °C
TLC (R_f): 0.65 DCM/MeOH (9:1)
Chemical Purity: 99.6%
Optical Purity (ee): 100%
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 52.11, H 4.89, N 25.01; Found: C 51.83, H 4.65, N 25.01
Storage Conditions: Store at +4 °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)			Not Tested
	DMSO	39.2	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 23-03-2021

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