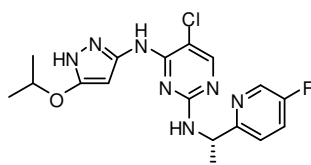




## Certificate of Analysis

**Axon Catalogue ID:** 1610 **Batch Number:** 2  
**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:** C<sub>17</sub>H<sub>19</sub>ClFN<sub>7</sub>O **Molecular Weight:** 391.83  
**Batch Molecular Formula:** C<sub>17</sub>H<sub>19</sub>ClFN<sub>7</sub>O **Batch Molecular Weight:** 391.83  
**Appearance:** White solid **Observed mp:** 99 °C  
**TLC (R<sub>f</sub>):** 0.67 DCM/MeOH (9:1)  
**Chemical Purity:** 99.6%  
**Optical Purity (ee):** 100%  
**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 52.11, H 4.89, N 25.02; Found: C ND, H ND, N ND  
**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)	0.0	0.0	Insoluble
	DMSO	37.6	96.0	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 04-07-2018

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](mailto:info@axonmedchem.com) indicating Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**