

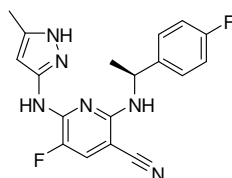


Certificate of Analysis

Axon Catalogue ID: 1778 **Batch Number:** 1
Product Name: AZ 960
Alternative Name(s): N.A.

IUPAC Name: (S)-5-Fluoro-2-(1-(4-fluorophenyl)ethylamino)-6-(5-methyl-1H-pyrazol-3-ylamino)nicotinonitrile

Structure:



Amount:

CAS number(s): 905586-69-8

Molecular Formula: C₁₈H₁₆F₂N₆

Molecular Weight: 354.36

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Batch Molecular Weight: 354.36

Appearance: White solid

Observed mp: 201 - 203 °C

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

Chemical Purity: 98.6%

Optical Purity (ee): Optically pure

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

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Calculated: C 61.01, H 4.55, N 23.72; Found: C ND, H ND, N ND

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)			Not Tested
	DMSO	35.4	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 06-11-2019

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