



Certificate of Analysis

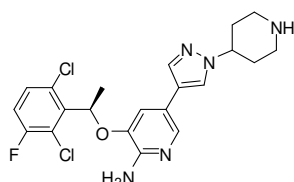
Axon Catalogue ID: 1660 **Batch Number:** 1

Product Name: Crizotinib

Alternative Name(s): PF-02341066; PF-2341066

IUPAC Name: (R)-3-(1-(2,6-Dichloro-3-fluorophenyl)ethoxy)-5-(1-(piperidin-4-yl)-1H-pyrazol-4-yl)pyridin-2-amine

Structure:



Amount:

CAS number(s): 877399-52-5

Molecular Formula: C₂₁H₂₂Cl₂FN₅O **Molecular Weight:** 450.34

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Appearance: Off-white solid **Observed mp:** 200.0 - 202.5 °C

TLC (R_f): 0.15 DCM/MeOH (9:1)

Chemical Purity: 99.6%

Optical Purity (ee): 99.0%

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

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Calculated: C 56.01, H 4.92, N 4.22; 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)	1.8	3.9	Insoluble
	DMSO	21.3	47.3	
	EtOH			Not Tested

Remarks:

QC Date: 6-8-2019

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