



Certificate of Analysis

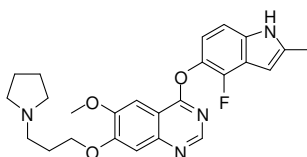
Axon Catalogue ID: 1461 **Batch Number:** 1

Product Name: Cediranib

Alternative Name(s): AZD2171

IUPAC Name: 4-(4-Fluoro-2-methyl-1H-indol-5-yloxy)-6-methoxy-7-(3-(pyrrolidin-1-yl)propoxy)quinazoline

Structure:



Amount:

CAS number(s): 288383-20-0

Molecular Formula: C₂₅H₂₇FN₄O₃ **Molecular Weight:** 450.51

Batch Molecular Formula: C₂₅H₂₇FN₄O₃ **Batch Molecular Weight:** 450.51

Appearance: Off-white solid **Observed mp:** 132 °C (decomp)

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

Chemical Purity: 99.6%

Optical Purity (ee): N.A.

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

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Calculated: C 66.65, H 6.04, N 12.44; 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	26.0	57.7	
	EtOH			Not Tested

Remarks:

QC Date: 8-2-2019

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