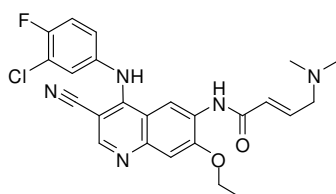




Certificate of Analysis

Axon Catalogue ID: 1665 **Batch Number:** 1
Product Name: Pelitinib
Alternative Name(s): EKB 569; WAY-EKB 569
IUPAC Name: (E)-N-(4-(3-Chloro-4-fluorophenylamino)-3-cyano-7-ethoxyquinolin-6-yl)-4-(dimethylamino)but-2-enamide

Structure:



Amount:

CAS number(s): 257933-82-7
Molecular Formula: C₂₄H₂₃ClFN₅O₂ **Molecular Weight:** 467.92
Batch Molecular Formula: C₂₄H₂₃ClFN₅O₂ **Batch Molecular Weight:** 467.92
Appearance: Off-white solid **Observed mp:** 191 °C (decomp)
TLC (R_f): 0.5 DCM/MeOH (9:1)
Chemical Purity: 99.1%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 61.60, H 4.95, N 14.97; Found: C ND, H ND, N ND
Storage Conditions: Desiccate 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	36.4	77.8	
	EtOH			Not Tested

Remarks:

QC Date: 10-09-2020

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