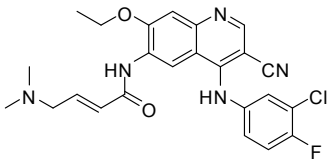
Certificate of Analysis

Axon Catalogue ID:	1665	**Batch Number:**	2
Product Name:	Pelitinib		
Alternative Name(s):	EKB 569		
IUPAC Name:	(E)-N-(4-(3-chloro-4-fluorophenylamino)-3-cyano-7-ethoxyquinolin-6-yl)-4-(dimethylamino)but-2-enamide		
Structure:		**Amount:**	1000 mg
CAS number:	257933-82-7		
Batch Molecular Formula:	C24H23ClFN5O2.1H2O	**Batch MW:**	485.93
Appearance:	Off-white solid	**Observed mp:**	199.9 - 200.6 °C
TLC (R_f):	0.45 DCM/MeOH (20:1)		
Chemical Purity:	98.5%		
Optical Purity (ee):			
1H-NMR (300 MHz):	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 59.32 , H 5.19 , N 14.41 Found: C 59.12 , H 4.83 , N 14.45		
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)	30.0	61.7	
DMSO	26.7	54.9	
EtOH			Not Tested

Remarks:

QC Date: 2-5-2014

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

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