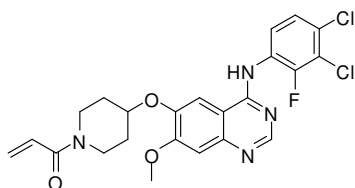




Certificate of Analysis

Axon Catalogue ID: 2920 **Batch Number:** 1
Product Name: Poziotinib
Alternative Name(s): HM781-36B
IUPAC Name: 1-(4-(4-(3,4-Dichloro-2-fluorophenylamino)-7-methoxyquinazolin-6-yloxy)piperidin-1-yl)prop-2-en-1-one

Structure:



Amount:

CAS number(s): 1092364-38-9
Molecular Formula: C₂₃H₂₁Cl₂FN₄O₃ **Molecular Weight:** 491.34
Batch Molecular Formula: C₂₃H₂₁Cl₂FN₄O₃ **Batch Molecular Weight:** 491.34
Appearance: White solid **Observed mp:** 193.6 - 195.1 °C
TLC (R_f): 0.8 DCM/MeOH (9:1)
Chemical Purity: 99.4%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 56.22, H 4.31, N 11.40; Found: C 55.84, H 4.23, N 11.20
Storage Conditions: Store at -20 °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)			Not Tested
	DMSO	34.0	69.2	
	EtOH			Not Tested

Remarks:

QC Date: 24-01-2019

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