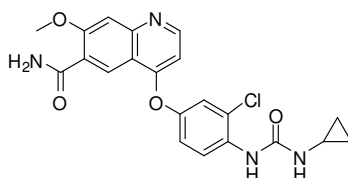




Certificate of Analysis

Axon Catalogue ID: 3165 **Batch Number:** 1
Product Name: Lenvatinib
Alternative Name(s): E7080
IUPAC Name: 4-(3-Chloro-4-(3-cyclopropylureido)phenoxy)-7-methoxyquinoline-6-carboxamide

Structure:



Amount:

CAS number(s): 417716-92-8
Molecular Formula: C₂₁H₁₉ClN₄O₄ **Molecular Weight:** 426.85
Batch Molecular Formula: C₂₁H₁₉ClN₄O₄·0.25H₂O **Batch Molecular Weight:** 431.36
Appearance: Off-white solid **Observed mp:** 224.9 - 227.4 °C
TLC (R_f): 0.6 DCM/MeOH (9:1)
Chemical Purity: 98.3%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 58.47, H 4.56, N 12.99; Found: C 58.17, H 4.43, N 12.75
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)			Not Tested
	DMSO	8.7	20.1	
	EtOH			Not Tested

Remarks:

QC Date: 27-10-2020

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