

CERTIFICATE OF ANALYSIS

(Certificate No. SZ-L038019-1248)

Analysis Date: 05/01/2022

Re-test Date: 04/01/2024

Cyano Impurity

Identification

Chemical Name : 1-(2-Chloro-4-((6-cyano-7-methoxyquinolin-4-yl)oxy)phenyl)-3-cyclopropylurea

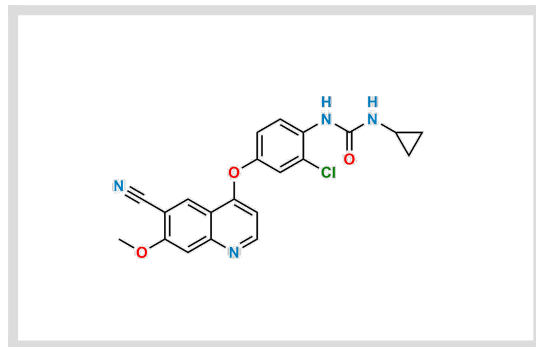
CAT No. : SZ-L038019

CAS No. : 1882873-21-3

Molecular Formula : C₂₁H₁₇ClN₄O₃

Molecular Weight : 408.8

Synonyms : Lenvatinib Impurity 16



Analytical Information

Batch Code : SRL-372-121

HPLC Purity : 97.16 %

Solubility : ACN:H₂O:(8:2)

Mass : Confirm

Appearance of product : Off White Solid

IR Analysis : Confirm

Long Term Storage : 2-8 °C for long term storage

¹H NMR : Confirm

Weight Loss By TGA : 1.52 %

Additional Information

% Potency = [100 - 1.52 (Wt loss by TGA)] X [97.16 (HPLC Purity)] / 100 = 95.68 %

Recommendation : Released

Department

Signature

Date

Prepared and Reviewed by	Analytical		
Approved By	Quality Control		

Attachments : HPLC, Mass, ¹H NMR, IR, TGA

Shipping Condition : All Products are stable to be shipped at room temperature, unless otherwise specified.