

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

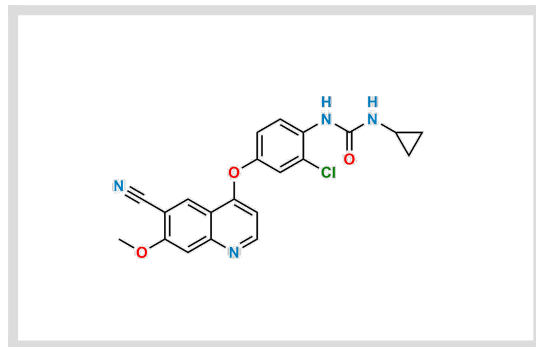
CAT No. : SZ-L038019

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:H ₂ O:(8:2)	Mass	: Confirm
Appearance of product	: Off White Solid	IR Analysis	: Confirm
Long Term Storage	: 2-8 °C for long term storage	¹ H 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.