

CERTIFICATE OF ANALYSIS

(Certificate No. SZ-L038020-2001)

Analysis Date: 05/01/2022

Re-test Date: 04/01/2024

Dimethyl Amine Impurity

Identification

Chemical Name : 4-(3-Chloro-4-(3,3-dimethylureido)phenoxy)-7-methoxyquinoline-6-carboxamide

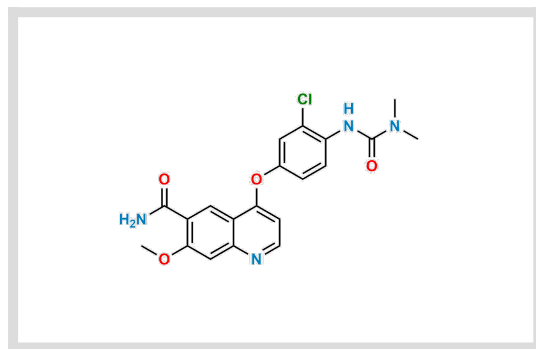
CAT No. : SZ-L038020

CAS No. : 2143930-76-9

Molecular Formula : C₂₀H₁₉ClN₄O₄

Molecular Weight : 414.8

Synonyms : Lenvatinib Impurity O



Analytical Information

Batch Code : SRL-372-176-1

Solubility : ACN:H₂O(8:2)

Appearance of product : Light Red Solid

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

Weight Loss By TGA : 2.62 %

HPLC Purity : 100.00 %

Mass : Confirm

IR Analysis : Confirm

¹H NMR : Confirm

¹³C NMR : Confirm

DEPT Analysis : Confirm

Additional Information

% Potency = [100 - 2.62 (Wt loss by TGA)] X [100.00 (HPLC Purity)] / 100 = 97.38 %

Recommendation : Released

Department

Signature

Date

Prepared and Reviewed by	Analytical		
Approved By	Quality Control		

Attachments : HPLC, Mass, ¹H NMR, IR, TGA, ¹³C NMR, DEPT

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