

CERTIFICATE OF ANALYSIS

(Certificate No. SZ-L038032-1137)

Analysis Date: 09/03/2022

Re-test Date: 08/03/2024

Lenvatinib N-Ethyl Impurity

Identification

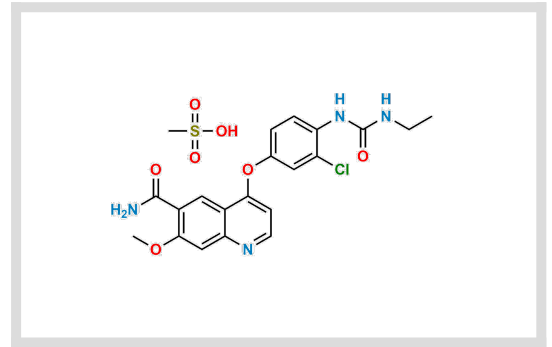
Chemical Name : 4-(3-Chloro-4-(3-ethylureido)phenoxy)-7-methoxyquinoline-6-carboxamide methanesulfonate

CAT No. : SZ-L038032

CAS No. : NA

Molecular Formula : C₂₀H₁₉ClN₄O₄ : CH₄O₃S

Molecular Weight : 414.8 : 96.1



Analytical Information

Batch Code : SRL-1112-067

Solubility : ACN:H₂O(8:2)

Appearance of product : Off White Solid

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

Weight Loss By TGA : 0.55 %

HPLC Purity : 99.43 %

Mass : Confirm

IR Analysis : Confirm

¹H NMR : Confirm

Additional Information

% Potency = [100 - 0.55 (Wt loss by TGA)] X [99.43 (HPLC Purity)] / 100 = 98.88 %

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.