

CERTIFICATE OF ANALYSIS

(Certificate No. SZ-L038017-2312)

Analysis Date: 05/01/2022

Re-test Date: 04/01/2024

Phenyl Carbamate Impurity

Identification

Chemical Name : Phenyl (4-((6-carbamoyl-7-methoxyquinolin-4-yl)oxy)-2-chlorophenyl)carbamate

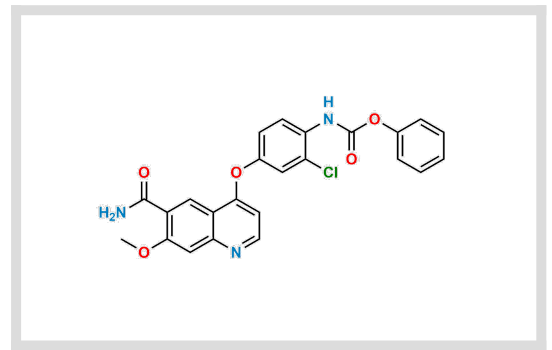
CAT No. : SZ-L038017

CAS No. : 417722-95-3

Molecular Formula : C₂₄H₁₈ClN₃O₅

Molecular Weight : 463.9

Synonyms : Lenvatinib Impurity 14



Analytical Information

| | | | |
|-----------------------|--------------------------------|--------------------|-----------|
| Batch Code | : SRL-356-70 | HPLC Purity | : 97.25 % |
| Solubility | : ACN:H ₂ O(8:2) | Mass | : Confirm |
| Appearance of product | : Light Brown Solid | IR Analysis | : Confirm |
| Long Term Storage | : 2-8 °C for long term storage | ¹ H NMR | : Confirm |
| Weight Loss By TGA | : 0.00 % | | |

Additional Information

% Potency = [100 - 0.00 (Wt loss by TGA)] X [97.25 (HPLC Purity)] / 100 = 97.25 %

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.