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CERTIFICATE OF ANALYSIS

Analysis Date:

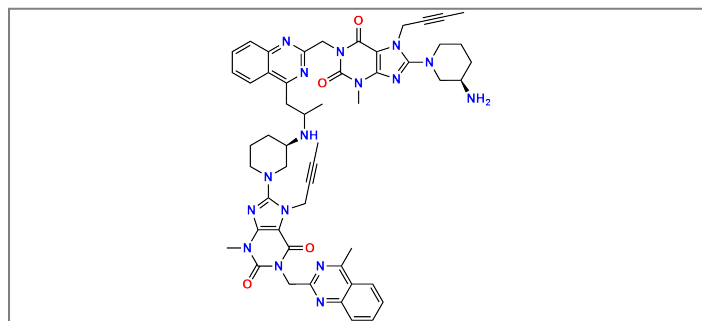
Re-test Date:

Product Name: Linagliptin EP Impurity F

Identification:

Chemical Name: 8-[(3R)-3-aminopiperidin-1-yl]-7-(but-2-yn-1-yl)-1-[[4-[(2E)-2-[[[(3R)-1-[7-(but-2-yn-1-yl)-3-methyl-1-[(4-methylquinazolin-2-yl)methyl]-2,6-dioxo-2,3,6,7-tetrahydro-1H-purin-8-yl]piperidin-3-yl]amino]propyl]quinazolin-2-yl)methyl]-3-methyl-3,7-dihydro-1H-purine-2,6-dione

Synonyms : NA
CAS Number : NA
CAT Number : CP-L1094
Molecular Formula : C₅₂H₅₈N₁₆O₄
Molecular Weight : 971.14



Analytical Information:

| Sr. No. | Test | Result |
|---------|----------------|--------------------------|
| 1) | Description | Solid |
| 2) | Solubility | Soluble in Methanol/DMSO |
| 3) | MASS By LCMS | Confirm to structure |
| 4) | Purity By HPLC | >95% |
| 5) | H1NMR | Confirm to structure |



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.