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CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2025

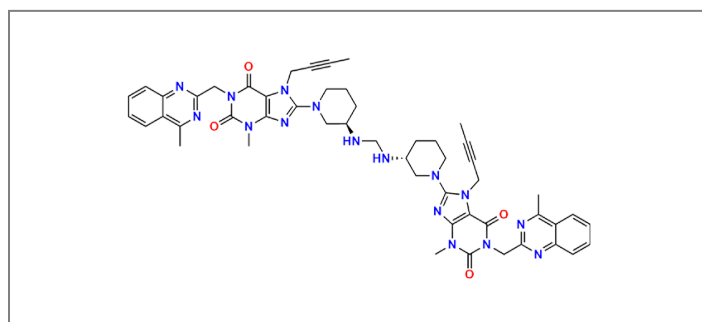
Re-test Date: Dec 2027

Product Name: Linagliptin N,N'-Methylene Dimer

Identification:

Chemical Name: 8,8'-((3R,3'R)-(methylenebis(azanediyl))bis(piperidine-3,1-diyl))bis(7-(but-2-yn-1-yl)-3-methyl-1-((4-methylquinazolin-2-yl)methyl)-3,7-dihydro-1H-purine-2,6-dione)

Synonyms : NA
CAS Number : 2489212-72-6
CAT Number : CP-L1018
Molecular Formula : C₅₁H₅₆N₁₆O₄
Molecular Weight : 957.12
Batch Number : CP-LIN-MD-0124
Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C
Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	White to Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	91.23%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	IR	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.