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CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2025

Re-test Date: Sep 2028

Product Name: N-formyl Linagliptin

Identification:

Chemical Name: (R)-N-(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)formamide

Synonyms : Linagliptin Related Compound C

CAS Number : 2137744-33-1

CAT Number : CP-L1046

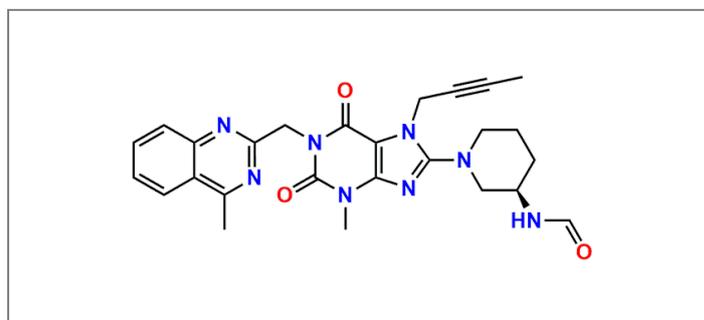
Molecular Formula : C₂₆H₂₈N₈O₃

Molecular Weight : 500.56

Batch Number : CP-LIN-RCC-0224

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	Off White to Pale Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.05%
5)	¹ HNMR	Confirm to structure
6)	Weight loss by TGA	2.025%
7)	Potency by TGA	96.06%



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

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