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CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2024

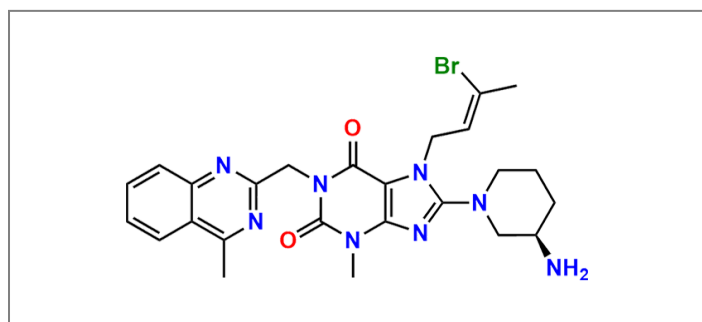
Re-test Date: Jun 2027

Product Name: Linagliptin Impurity S

Identification:

Chemical Name: (R,Z)-8-(3-aminopiperidin-1-yl)-7-(3-bromobut-2-en-1-yl)-3-methyl-1-((4-methylquinazolin-2-yl)methyl)-3,7-dihydro-1H-purine-2,6-dione

Synonyms : NA
CAS Number : 1638744-06-5
CAT Number : CP-L1017
Molecular Formula : C₂₅H₂₉BrN₈O₂
Molecular Weight : 553.47
Batch Number : CP-LIN-S-0724



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	91.01%
5)	H1NMR	Confirm to structure
6)	13CNMR	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.