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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Linagliptin Impurity 54

Identification:

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

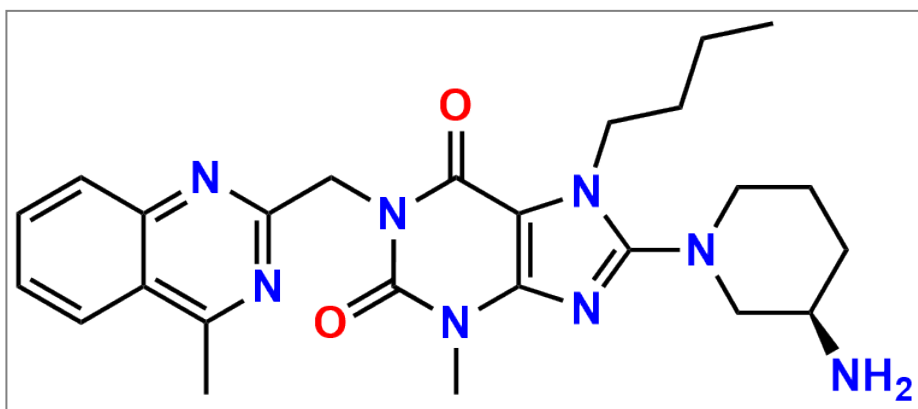
Synonyms : NA

CAS Number : NA

CAT Number : CP-L1045

Molecular Formula : C₂₅H₃₂N₈O₂

Molecular Weight : 476.58



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.