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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Vildagliptin Impurity 59

Identification:

Chemical Name: (Z)-N-(2-((S)-2-cyanopyrrolidin-1-yl)-2-oxoethylidene)-3-hydroxyadamantan-1-amine oxide

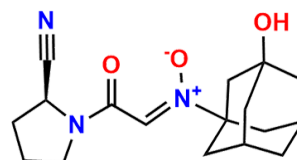
Synonyms : NA

CAS Number : NA

CAT Number : CP-V1139

Molecular Formula : C₁₇H₂₃N₃O₃

Molecular Weight : 317.4



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)	¹ HNMR	Confirm to structure



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.