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CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2024

Re-test Date: Jun 2027

Product Name: N-Nitroso Vildagliptin Impurity 1

Identification:

Chemical Name: N-(2-((S)-2-Cyanopyrrolidin-1-yl)-2-oxoethyl)-N-((1r,3R,5R,7S)-3-hydroxyadamantan-1-yl)nitrous amide

Synonyms : N-Nitroso Vildagliptin

CAS Number : NA

CAT Number : CP-V1025

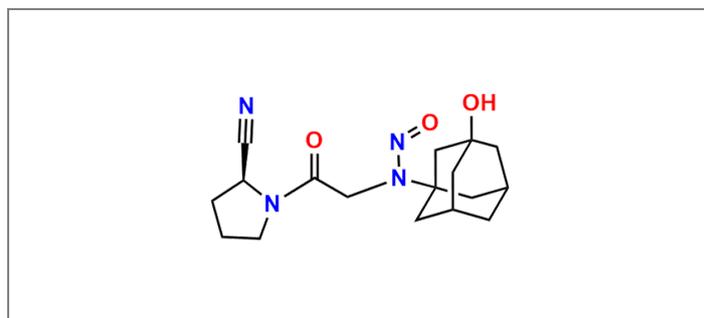
Molecular Formula : C17H24N4O3

Molecular Weight : 332.4

Batch Number : CHEM-VIL-N

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 Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.32%
5)	¹ HNMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	0.017%
8)	Potency by TGA	98.30%



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.