



COMMITTED FOR CHEMISTRY

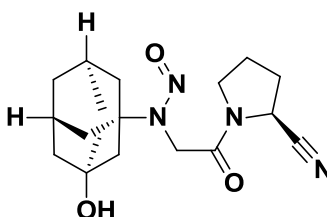
SYNCHEMIA RESEARCH CHEMICAL

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CERTIFICATE OF ANALYSIS

Product Name: N-Nitroso Vildagliptin Impurity**CAS NO:** NA**Batch No:** SRC-109-SC-090**Date of Analysis:** 19 Jan 2023**Retest Date:** 19 Jan 2025**Structure:**

Chemical Name	N-(2-((S)-2-Cyanopyrrolidin-1-yl)-2-oxoethyl)-N-((1r,3R,5R,7S)-3-hydroxyadamantan-1-yl)nitrous amide
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Molecular Formula	C ₁₇ H ₂₄ N ₄ O ₃
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Molecular Weight	332.4 g/mol
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Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in DMSO, Methanol
3)	Identification	
	1. Mass	Confirm to structure
	2. 1H NMR	Confirm to structure

4)	Purity by HPLC	Above 95 %
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Long Term Storage condition	Store at 2 ^o to 8 ^o c
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Shipping Condition	Ambient
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Note: This is only for Analytical testing purpose, not for Human or Animal Consumption.

Note: N-Nitroso Vildagliptin Impurity is highly toxic organic compound and suspected human carcinogen. Handle the material carefully with proper safety measures.

	Signature	Date
Checked By		
Approved By		

