

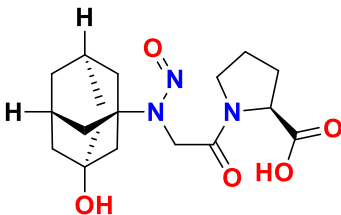


COMMITTED FOR CHEMISTRY

SYNCHEMIA RESEARCH CHEMICAL

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CERTIFICATE OF ANALYSIS

Product Name: N-Nitroso Analogue Of Vildagliptin Carboxylic Acid Impurity		
CAS NO: NA		 SRC CAT NO: SRC-N014132
Batch No: SRC-150-PT-382		
Date of Analysis: 26 Mar 2024		
Retest Date: 26 Mar 2026		
Structure:		
		
Chemical Name		N-((1r,3R,5R,7S)-3-Hydroxyadamantan-1-yl)-N-nitrosoglycyl-L-proline
Molecular Formula		C ₁₇ H ₂₅ N ₃ O ₅
Molecular Weight		351.4g/mol
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
	3. IR	Confirm to structure
4)	Purity by HPLC	95.09%
Long Term Storage condition		Store at 2 ⁰ to 8 ⁰ c
Shipping Condition		Ambient
Note: This is only for Analytical testing purpose, not for Human or Animal Consumption.		
NOTE: N-Nitroso Analogue Of Vildagliptin Carboxylic Acid Impurity is a highly toxic semi-volatile organic compound and a suspected human carcinogen. Handle the material carefully with proper safety measures		
	Signature	Date
Checked By		
Approved By		

