

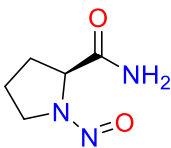


COMMITTED FOR CHEMISTRY

## SYNCHEMIA RESEARCH CHEMICAL

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### CERTIFICATE OF ANALYSIS

<b>Product Name:</b> Vildagliptin N-Nitroso-L-Prolinamide Impurity		
<b>CAS NO:</b> 79108-51-3	<b>SRC CAT No :</b> SRC-N014026	
<b>Batch No:</b> SRC-105-AS-344		
<b>Date of Analysis:</b> 15 May 2024		
<b>Retest Date:</b> 15 May 2026		
<b>Structure:</b> 		
<b>Chemical Name</b>	(S)-1-Nitrosopyrrolidine-2-Carboxamide	
<b>Molecular Formula</b>	C <sub>5</sub> H <sub>9</sub> N <sub>3</sub> O <sub>2</sub>	
<b>Molecular Weight</b>	143.1g/mol	
<b>Sr. No.</b>	<b>Test</b>	<b>Result</b>
1)	<b>Description</b>	Off White Solid
2)	<b>Solubility</b>	Soluble In DMSO, Methanol
3)	<b>Identification</b>	
	Mass	Confirm to structure
	<sup>1</sup> H NMR	Confirm to structure
	IR	Confirm to structure
4)	<b>Purity by HPLC</b>	Above 95 %
<b>Long Term Storage condition</b>		Store at 2 <sup>0</sup> to 8 <sup>0</sup> c
<b>Shipping Condition</b>		Ambient
<b>Note:</b> This is only for Analytical testing purpose, not for Human or Animal Consumption.		
<b>Note:</b> Vildagliptin N-Nitroso-L-Prolinamide Impurity is a highly toxic semi-volatile organic compound and a suspected human carcinogen. Handle the material carefully with proper safety measures.		
	Signature	Date
<b>Checked By</b>		
<b>Approved By</b>		

