



COMMITTED FOR CHEMISTRY

SYNCHEMIA RESEARCH CHEMICAL

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CERTIFICATE OF ANALYSIS

Product Name: Linagliptin Nitroso Impurity 5		
CAS NO: 2396758-93-1		
Batch No: SRC-121-AM-098		
Date of Analysis: 10 July 2023		
Retest Date : 10 July 2025		
Structure:		
Chemical Name		(Tert-butyl (R)-(1-nitrosopiperidin-3-yl)carbamate)
Molecular Formula		C ₁₀ H ₁₉ N ₃ O ₃
Molecular Weight		229.28g/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
4)	Purity by HPLC	Above 95%
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.		
	Signature	Date
Checked By		
Approved By		

