

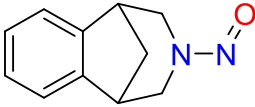


COMMITTED FOR CHEMISTRY

SYNCHEMIA RESEARCH CHEMICAL

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CERTIFICATE OF ANALYSIS

Product Name: varenicline Nitroso Impurity 5		
CAS NO: NA		 SRC CAT NO : SRC-N014255
Batch No: NA		
Date of Analysis: 15 May 2024		
Retest Date: 15 May 2026		
Structure:		
		
Chemical Name	3-Nitroso-2,3,4,5-tetrahydro-1H-1,5-methanobenzo[d]azepine	
Molecular Formula	C ₁₁ H ₁₂ N ₂ O	
Molecular Weight	188.2g/mol	
Sr. No.	Test	Result
1)	Description	Brown Solid
2)	Solubility	Soluble in DMSO, Methanol
3)	Identification	
	1.Mass	Confirm to structure
	2.1H NMR	Confirm to structure
4)	Purity by HPLC	98.76%
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: varenicline Nitroso Impurity 5 is 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		

