

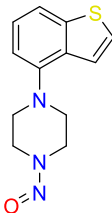


COMMITTED FOR CHEMISTRY

SYNCHEMIA RESEARCH CHEMICAL

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CERTIFICATE OF ANALYSIS

Product Name: Brexpiprazole Nitroso Impurity 1		
CAS NO: 2639426-95-0	 SRC CAT No : SRC-N014075	
Batch No: SRC-121-AM-264		
Date of Analysis: 15 May 2024		
Retest Date: 15 May 2026		
Structure: 		
Chemical Name	1-(Benzo[b]thiophen-4-yl)-4-nitrosopiperazine	
Molecular Formula	C ₁₂ H ₁₃ N ₃ OS	
Molecular Weight	247.3g/mol	
Sr. No.	Test	Result
1)	Description	NA
2)	Solubility	Soluble In DMSO, Methanol
3)	Identification	
	Mass	Confirm to structure
	¹ H NMR	Confirm to structure
	IR	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		

