

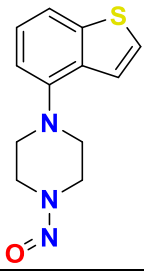


COMMITTED FOR CHEMISTRY

**SYNCHEMIA RESEARCH CHEMICAL**

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**CERTIFICATE OF ANALYSIS**

<b>Product Name:</b> Brexpiprazole Nitroso Impurity 1		
<b>CAS NO:</b> 2639426-95-0		
<b>Batch No:</b> SRC-121-AM-264	<b>SRC CAT NO:</b> SRC-N014075	
<b>Date of Analysis:</b> 28 Feb 2023		
<b>Retest Date:</b> 28 Feb 2025		
<b>Structure:</b>		
		
<b>Chemical Name</b>	1-(Benzo[b]thiophen-4-yl)-4-nitrosopiperazine	
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>13</sub> N <sub>3</sub> OS	
<b>Molecular Weight</b>	247.3	
<b>Sr. No.</b>	<b>Test</b>	<b>Result</b>
1)	<b>Description</b>	NA
2)	<b>Solubility</b>	Solubility in DMSO, Methanol
3)	<b>Identification</b>	
	1. Mass	Confirm to structure
	2. 1H NMR	Confirm to structure
4)	<b>Purity by HPLC</b>	Above 95%
<b>Long Term Storagecondition</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> Brexpiprazole Nitroso Impurity 1 is a highly toxic organic compound and a suspected human carcinogen. Handle the material carefully with proper safety measures		
	Signature	Date
Checked By		
Approved By		

