

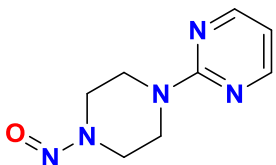


COMMITTED FOR CHEMISTRY

## SYNCHEMIA RESEARCH CHEMICAL

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### CERTIFICATE OF ANALYSIS

<b>Product Name:</b> Buspirone Nitroso Impurity 1		
<b>CAS NO:</b> 872826-80-7		
<b>Batch No:</b> SRC-127-AS-296		<b>SRC CAT NO:</b> SRC-N014068
<b>Date of Analysis:</b> 28 Feb 2023		
<b>Retest Date:</b> 28 Feb 2025		
<b>Structure:</b>		
		
<b>Chemical Name</b>	2-(4-Nitrosopiperazin-1-yl)pyrimidine	
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>11</sub> N <sub>5</sub> O	
<b>Molecular Weight</b>	193.2	
<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>	Above95%
<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> Buspirone Nitroso Impurity 1 is a highly toxic organic compound and a suspected human carcinogen. Handle the material carefully with proper safety measures		
	Signature	Date
CheckedBy		
ApprovedBy		

