



COMMITTED FOR CHEMISTRY

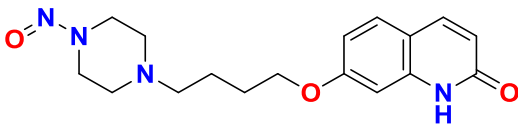
## SYNCHEMIA RESEARCH CHEMICAL

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### CERTIFICATE OF ANALYSIS

<b>Product Name:</b> Brexpiprazole Nitroso Impurity 2		
<b>CAS NO:</b> NA		
<b>Batch No:</b> SRC-120-KM-270	<b>CAT LOG NO:</b> SRC-N014131	
<b>Date of Analysis:</b> 11 April 2023		
<b>Retest Date:</b> 11 April 2025		
<b>Structure:</b>		
		
<b>Chemical Name</b>	7-(4-(4-Nitrosopiperazin-1-yl)butoxy)quinolin-2(1H)-one	
<b>Molecular Formula</b>	C <sub>17</sub> H <sub>22</sub> N <sub>4</sub> O <sub>3</sub>	
<b>Molecular Weight</b>	330.4g/mol	
<b>Sr. No.</b>	<b>Test</b>	<b>Result</b>
1)	<b>Description</b>	Yellow Solid
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>	98.46%
<b>Long Term Storage condition</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.		
	Signature	Date
Checked By		
Approved By		

