

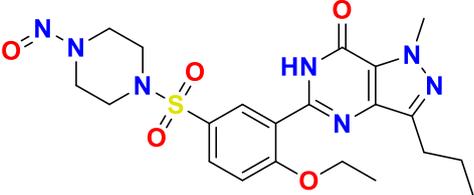


COMMITTED FOR CHEMISTRY

## SYNCHEMIA RESEARCH CHEMICAL

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### CERTIFICATE OF ANALYSIS

<b>Product Name:</b> N-Nitroso Sildenafil Impurity 2		
<b>CAS NO:</b> NA		
<b>Batch No:</b> SRC-121-AM -322		
<b>Date of Analysis:</b> 20 April 2023		
<b>Retest Date:</b> 20 April 2025		
<b>Structure:</b>		
		
<b>Chemical Name</b>	5-(2-Ethoxy-5-((4-nitrosopiperazin-1-yl)sulfonyl)phenyl)-1-methyl-3-propyl-1,6-dihydro-7H-pyrazolo[4,3-d]pyrimidin-7-one	
<b>Molecular Formula</b>	C <sub>21</sub> H <sub>27</sub> N <sub>7</sub> O <sub>5</sub> S	
<b>Molecular Weight</b>	489.6 g/mol	
<b>Sr. No.</b>	<b>Test</b>	<b>Result</b>
1)	<b>Description</b>	Off White Solid
2)	<b>Solubility</b>	Soluble in DMSO, Methanol
3)	<b>Identification</b>	
	1. MASS	Confirm to structure
	2. 1H NMR	Confirm to structure
4)	<b>Purity by HPLC</b>	96.24%
<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		

