

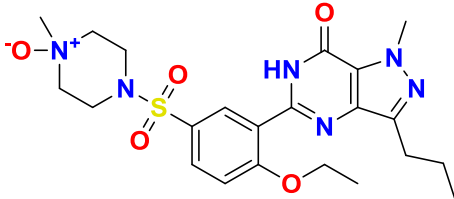


COMMITTED FOR CHEMISTRY

SYNCHEMIA RESEARCH CHEMICAL

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CERTIFICATE OF ANALYSIS

Product Name: Sildenafil EP Impurity B		
CAS NO: 1094598-75-0		
Batch No: SRC-VJ-06-018		
Date of Analysis: 05 Mar 2023		
Retest Date: 05 Mar 2025		
Structure: <div></div>		
Chemical Name		5-[2-Ethoxy-5-[(4-methyl-4-oxido-1-piperazinyl)sulfonyl]phenyl]-1,6-dihydro-1-methyl-3-propyl-7H-pyrazolo[4,3-d]pyrimidin-7-one
Molecular Formula		C ₂₂ H ₃₀ N ₆ O ₅ S
Molecular Weight		490.6g/mol
Sr. No.	Test	Result
1)	Description	White to Off-White Solid
2)	Solubility	Soluble in Methanol, DMSO
3)	Identification <div>1. Mass 2. 1H NMR</div>	Confirm to structure Confirm to structure
4)	Purity by HPLC	99.74%
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		

