



COMMITTED FOR CHEMISTRY

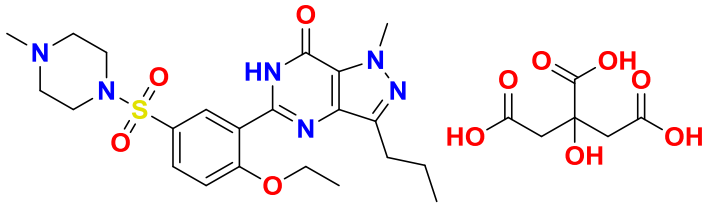
SYNCHEMIA RESEARCH CHEMICAL

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CERTIFICATE OF ANALYSIS

Product Name: Sildenafil Citrate		
CAS NO: 171599-83-0		
Batch No: SRC-125-KK-046		
Date of Analysis: 14 Feb 2023		
Retest Date: 14 Feb 2025		
Structure:		
		
Chemical Name	5-[2-Ethoxy-5-[(4-methylpiperazin-1-yl)sulfonyl]phenyl]-1-methyl-3-propyl-1,6-dihydro-7H-pyrazolo[4,3-d]pyrimidin-7-one dihydrogen 2-hydroxypropane-1,2,3-tricarboxylate.	
Molecular Formula	C ₂₂ H ₃₀ N ₆ O ₄ S: C ₆ H ₈ O ₇	
Molecular Weight	474.6: 192.1 g/mol	
Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Solubility in DMSO (Slightly), Methanol (Slightly)
3)	Identification	
	1. Mass	Confirm to structure
	2. 1H NMR	Confirm to structure
4)	Purity by HPLC	Above 95 %
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		

