

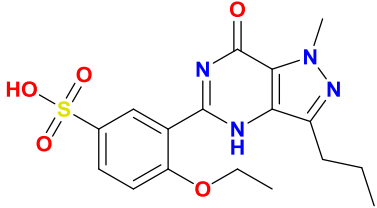


COMMITTED FOR CHEMISTRY

## SYNCHEMIA RESEARCH CHEMICAL

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### CERTIFICATE OF ANALYSIS

<b>Product Name :</b> Sildenafil EP Impurity D		
<b>CAS NO :</b> 1357931-55-5		
<b>Batch No:</b> SRC-VJ-03-041		
<b>Date of Analysis:</b> 05 Mar 2023		
<b>Retest Date:</b> 05 Mar 2025		
<b>Structure:</b>		
		
<b>Chemical Name</b>	3-(4,7-Dihydro-1-methyl-7-oxo-3-propyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl)-4-ethoxybenzenesulfonic acid	
<b>Molecular Formula</b>	C <sub>17</sub> H <sub>20</sub> N <sub>4</sub> O <sub>5</sub> S	
<b>Molecular Weight</b>	392.43g/mol	
<b>Sr. No.</b>	<b>Test</b>	<b>Result</b>
1)	<b>Description</b>	White to Off-White Solid
2)	<b>Solubility</b>	Soluble in Methanol, DMSO
3)	<b>Identification</b>	
	1. Mass	Confirm to structure
	2. 1H NMR	Confirm to structure
4)	<b>Purity by HPLC</b>	97.92%
<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		

