











## **CERTIFICATE OF ANALYSIS**

**Date:** 19-06-2025

Chemical Name $2-(2-Ethoxy-5-((4-ethylpiperazin-1-yl)sulfonyl)phenyl)-5,7-dimethylimidazo[5,f][1,2,4]triazin-4(3H)-oneStructure2-(2-\text{Ethoxy-5-((4-ethylpiperazin-1-yl)sulfonyl)phenyl)-5,7-dimethylimidazo[5,f][1,2,4]triazin-4(3H)-oneStructure2-(2-\text{Ethoxy-5-((4-ethylpiperazin-1-yl)sulfonyl)phenyl)-5,7-dimethylimidazo[5,f][2,4]triazin-4(3H)-oneBatch No.-(2-(2-\text{Ethoxy-5-((4-ethylpiperazin-1-yl)sulfonyl)phenyl)-5,7-dimethylimidazo[5,f][2,4]triazin-4(3H)-oneBatch No.-(2-(2-\text{Ethoxy-5-((4-ethylpiperazin-1-yl)sulfonyl)phenyl)-5,7-dimethylimidazo[5,f][2,4]triazin-4(3H)-oneBatch No.-(2-(2-\text{Ethoxy-5-((4-ethylpiperazin-1-yl)sulfonyl)phenyl)-5,7-dimethylimidazo[5,f][2,4]triazin-4(3H)-oneBatch No.-(2-(2-\text{Ethoxy-5-((4-ethylpiperazin-1-yl)sulfonyl)phenyl)-5,7-dimethylimidazo[5,f][2,4]triazin-4(3H)-oneBatch No.-(2-(2-\text{Ethoxy-5-((4-ethylpiperazin-1-yl)sulfonyl)phenyl)-5,7-dimethylimidazo[5,f][2,4]triazin-4(3H)-oneBatch No.-(2-(2-\text{Ethoxy-5-((4-ethylpiperazin-1-yl)sulfonyl)phenyl)-5,7-dimethylimidazo[5,f][2,4]triazin-4(3H)-oneBatch No.-(2-(2-\text{Ethoxy-5-((4-ethylpiperazin-1-yl)sulfonyl)phenyl)-5,7-dimethylimidazo[5,f][2,4]triazin-4(3H)-oneBatch No.-(2-(2-\text{Ethoxy-5-((4-ethylpiperazin-1-yl)sulfonyl)phenyl-5,7-dimethylimidazo[5,f][2,4]triazin-4(3H)-oneBatch No.-(2-(2-\text{Ethoxy-5-((4-ethylpiperazin-1-yl)sulfonyl)phenyl-5,7-dimethylimidazo[5,f][2,4]triazin-4(3H)-oneBatch No.-(2-(2-\text{Ethoxy-5-((4-ethylpiperazin-1-yl)sulfonyl)phenyl-5,7-dimethylimidazo[5,f][2,4]triazin-4(3H)-oneBatch No.-(2-(2-\text{Ethoxy-5-((4-ethylpiperazin-1-yl)sulfonyl-5,7-dimethylimidazo[5,f][2,4]triazin-4(3H)-oneBatch No.-(2-(2-\text{Ethoxy-5-((4-ethylpipe$	<b>Product Name</b>	Vardenafil EP Imp	Vardenafil EP Impurity A			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Chemical Name		2-(2-Ethoxy-5-((4-ethylpiperazin-1-yl)sulfonyl)phenyl)-5,7-dimethylimidazo[5,1-f][1,2,4]triazin-4(3H)-one			
$ \begin{array}{c cccc} \textbf{Analysis Date} & - & \textbf{Retest Date} & 2 \\ \textbf{Mol. Formula} & C_{21}H_{28}N_6O_4S & \textbf{Molecular Wt.} & 460.6 \\ \end{array} $	Structure					
$ \begin{array}{c cccc} \textbf{Analysis Date} & - & \textbf{Retest Date} & 2 \\ \textbf{Mol. Formula} & C_{21}H_{28}N_6O_4S & \textbf{Molecular Wt.} & 460.6 \\ \end{array} $						
$ \begin{array}{c ccccc} \textbf{Analysis Date} & - & \textbf{Retest Date} & 2 \\ \textbf{Mol. Formula} & C_{21}H_{28}N_6O_4S & \textbf{Molecular Wt.} & 460.6 \\ \end{array} $		N N N N N N N N N N N N N N N N N N N				
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Batch, No.	-	CAS No.	2169247-39-4		
21 20 0 4		-				
<b>Long term Storage Condition</b> Store at 2-8 °C in well closed container	Mol. Formula	$C_{21}H_{28}N_6O_4S$	Molecular Wt.	460.6		
	Long term Storage Condition		Store at 2-8 °C in we	Store at 2-8 °C in well closed container		
Handling and Transit Condition 25-30 °C in well closed container	Handling and Transit Condition		25-30 °C in well closed container			

Test	Result
Appearance	-
Solubility	-
1H-NMR	Conforms to structure
MASS	Conforms to structure
Chromatographic Purity	>90%

Note: This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.

	Prepared By	Checked By	Approved By
Signature			
Date			

## **CLEANCHEM LABORATORIES LLP**