

CERTIFICATE OF ANALYSIS

(Certificate No. KMS002003-01)

Release Date: 10/08/2022

Re-test Date: 09/08/2025

Sildenafil N-Oxide

Identification

Chemical Name :

4-((4-ethoxy-3-(1-methyl-7-oxo-3-propyl-6,7-dihydro-1H-pyrazolo[4,3-d]pyrimidin-5-yl)phenyl)sulfonyl)-1-methylpiperazine 1-oxide

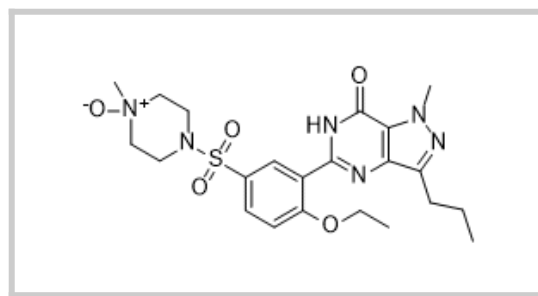
Alt. Name : Sildenafil N-Oxide

CAT No. : KMS002003

CAS No. : 1094598-75-0

Molecular Formula : C₂₂H₃₀N₆O₅S

Molecular Weight : 490.58



Analytical Information

Batch No. : SIL-N-OXIDE-030-255

Description : White Solid

HPLC Purity : 99.95 %

Weight Loss By TGA : 3.58 %

% Potency : 96.37 %

Solubility : Methanol

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be shipped at room temperature

% Potency = [100 - 3.58(Weight Loss By TGA)] x [99.95(HPLC Purity)]/100 = 96.37 %

Remarks : COA Re-generated on 12.07.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		12/07/2024
Reviewed & Approved By	Quality Control	Jatin Patel		12/07/2024

Attachments : COA, HPLC, MASS, ¹HNMR, IR and TGA