

CERTIFICATE OF ANALYSIS

(Certificate No. KMS002060-01)

Release Date: 02/01/2025

Re-test Date: 01/01/2028

Sildenafil Sulphonyl Methyl Ester

Identification

Chemical Name :

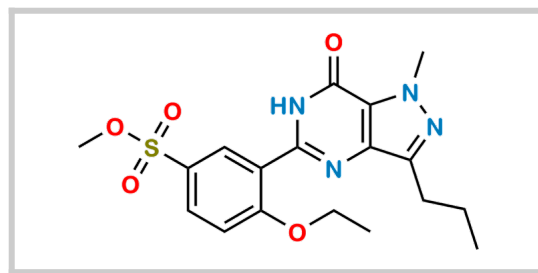
Methyl 4-ethoxy-3-(1-methyl-7-oxo-3-propyl-6,7-dihydro-1H-pyrazolo[4,3-d]pyrimidin-5-yl)benzenesulfonate

CAT No. : KMS002060

CAS No. : 2512206-40-3

Molecular Formula : C₁₈H₂₂N₄O₅S

Molecular Weight : 406.5



Analytical Information

Batch No. : S002060-091-116

Description : Off White Solid

HPLC Purity : 97.07 %

Weight Loss By TGA : 0.62 %

% Potency : 96.47 %

Solubility : Acetonitrile

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 - 0.62(Weight Loss By TGA)] x [97.07(HPLC Purity)]/100 = 96.47 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		02/01/2025
Reviewed & Approved By	Quality Control	Jatin Patel		02/01/2025

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