

CERTIFICATE OF ANALYSIS

(Certificate No. KMS006001-01)

Release Date: 22/04/2024

Re-test Date: 21/04/2027

Sumatriptan Nitroso Impurity

Identification

Chemical Name :

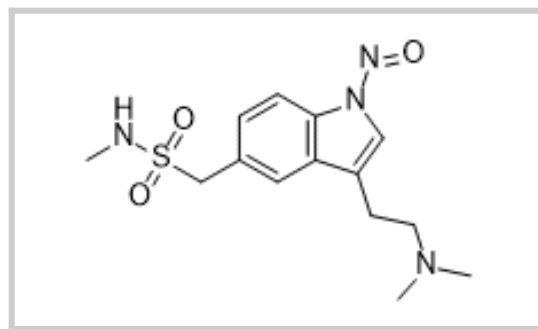
1-(3-(2-(dimethylamino)ethyl)-1-nitroso-1H-indol-5-yl)-N-methylmethanesulfonamide

CAT No. : KMS006001

CAS No. : Not Available

Molecular Formula : C₁₄H₂₀N₄O₃S

Molecular Weight : 324.40



Analytical Information

Batch No. : SUM-N-NO-073-172

Solubility : ACN

Description : Yellow Solid

Mass : Confirm

HPLC Purity : 94.23 %

IR : Confirm

Weight Loss By TGA : 0.15 %

¹H NMR : Confirm

% Potency : 94.09 %

¹³C 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 - 0.15(Weight Loss By TGA)] x [94.23(HPLC Purity)]/100 = 94.09 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		24/04/2024
Reviewed & Approved By	Quality Control	Jatin Patel		24/04/2024

Attachments : COA, HPLC, MASS, ¹HNMR, ¹³CNMR, IR and TGA