CERTIFICATE OF ANALYSIS

(Certificate No. KMS006001-02)

Release Date: 01/12/2025 **Re-test Date:** 30/11/2028

N-Nitroso Sumatriptan impurity

Identification

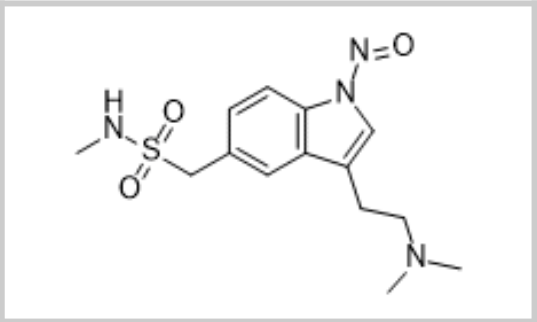
Chemical Name :
1-(3-(2-(dimethylamino)ethyl)-1-nitroso-1H-indol-5-yl)-N-methylmethanesulfonamide

CAT No. : KMS006001

CAS No. : Not Available

Molecular Formula : C14H20N4O3S

Molecular Weight : 324.40



Analytical Information

Batch No.	: S006001-114-032	**Solubility**	: Acetonitrile
Description	: Yellow Solid	**Mass**	: Confirm
HPLC Purity	: 95.04 %	**IR**	: Confirm
Weight Loss By TGA	: 0.43 %	**1H NMR**	: Confirm
% Potency	: 94.63 %		

Additional Information

Long Term Storage : *Store at -20 deg. C for long term storage

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

% Potency = [100 - 0.43(Weight Loss By TGA)] x [95.04(HPLC Purity)]/100 = 94.63 %
*Storage condition changed from 2-8 degree to -20 degree on 20.12.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		20/12/2025
Reviewed & Approved By	Quality Control	Jatin Patel		20/12/2025

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