

Analysis Date: 03-10-2025

Re-test Date: 03-10-2028

N-NITROSO SUMATRIPTAN EP IMPURITY E

Identification

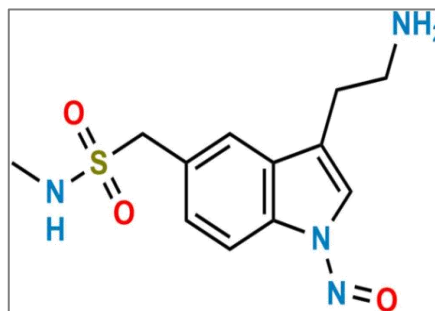
Chemical Name : 1-(3-(2-Aminoethyl)-1-nitroso-1H-indol-5-yl)-N-methylmethanesulfonamide

CAT No : ALL-SUM-49

CAS No : N.A.

Molecular Formula : C₁₂H₁₆N₄O₃S

Molecular Weight : 296.3



Analytical Information

Batch No : ALL-SUM-49 **HPLC Purity** : 98.00%

Solubility : MeOH: ACN **Potency** : 96.09%

Appearance of Product : Off White Solid **Mass** : Confirm

Long Term Storage : 2-8 °C **IR Analysis** : Confirm

Weight Loss By TGA : 1.196% **1HNMR** : Confirm

Residue Of Ignition : 0.744%

Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = [100 - (1.196 + 0.744) \times 98.00] / 100 = 96.09\%$$

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadase Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, 1H NMR, TGA.

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office