

Analysis Date: 03-10-2025

Re-test Date: 03-10-2028

N-NITROSO SUMATRIPTAN EP IMPURITY B (POSSIBILITY 1)

Identification

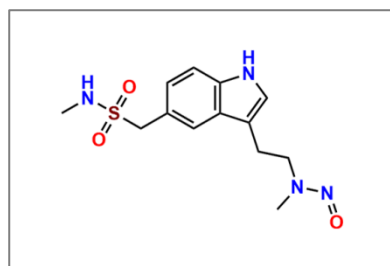
Chemical Name : N-methyl-1-(3-(2-(methyl(nitroso)amino)ethyl)-1H-indol-5-yl)methanesulfonamide

CAT No : ALL-SUM-43

CAS No : 3036581-86-6

Molecular Formula : C₁₃H₁₈N₄O₃S

Molecular Weight : 310.4



Analytical Information

Batch No.	: ALL-SUM-43	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 95.65%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 1.045%	¹HNMR	: Confirm
Residue Of Ignition	: 1.351%		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (1.045+1.351) × 98.00]/100 = 95.65%

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, IR, TGA

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

Corporate Office