

Analysis Date: 01-10-2025

Re-test Date: 01-10-2028

SUMATRIPTAN IMPURITY 8

Identification

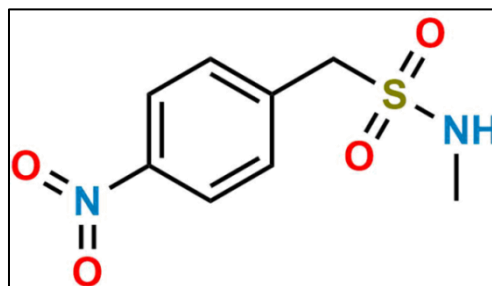
Chemical Name : N-Methyl-1-(4-nitrophenyl)methanesulfonamide

CAT No : ALL-SUM-36

CAS No : 85952-29-0

Molecular Formula : C₈H₁₀N₂O₄S

Molecular Weight : 230.2



Analytical Information

Batch No.	: ALL-SUM-36	HPLC Purity	: 98.66 %
Solubility	: MeOH: ACN	Potency	: 95.06 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 ^o C	IR Analysis	: Confirm
Weight Loss By TGA	: 1.988 %	¹H NMR	: Confirm
Residue Of Ignition	: 1.658 %		

Additional Information

%Potency = [100 -(Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 – (1.988 + 1.658) × 98.66]/100= 95.06 %

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