

Analysis Date: 29-09-2025

Re-test Date: 29-09-2028

SUMATRIPTAN HYDRAZINE IMPURITY

Identification

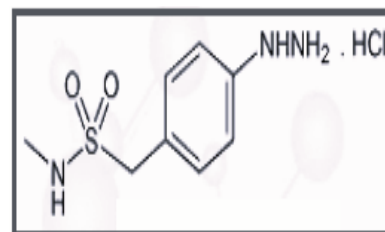
Chemical Name : 1-(4-hydrazinylphenyl)-N-methylmethanesulfonamide hydrochloride

CAT No : ALL-SUM-15

CAS No : 88933-16-8 (HCl salt) | 139272-29-0 (Free Base)

Molecular Formula : C₈H₁₄N₃O₂S (HCl salt) | C₈H₁₃N₃O₂S (Free Base)

Molecular Weight : 251.73 (HCl salt) | 215.27 (Free Base)



Analytical Information

Batch Code	: ALL-SUM-15	HPLC Purity	: 98.00%
Solubility	: MeOH: ACN	Potency	: 97.78%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 0C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.213 %	¹H NMR	: Confirm
Residue Of Ignition	: 0.031 %		

Additional Information

% Potency = [Weight Loss By TGA % - Residue Of Ignition %] = [98.00 - 0.213] = 97.78%

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul khadas 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