

Analysis Date: 29-09-2025

Re-test Date: 29-09-2028

SUMATRIPTAN EP IMPURITY G

Identification

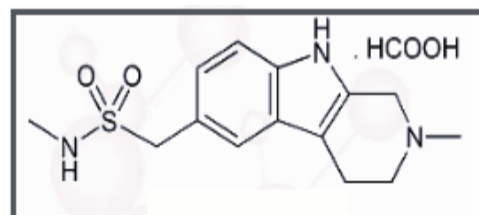
Chemical Name : N-methyl-1-(2-methyl-2,3,4,9-tetrahydro-1H-pyrido[3,4-b]indol-6-yl)methanesulfonamide formate

CAT No : ALL-SUM-13

CAS No : 2074614-56-3 (Base)

Molecular Formula : C₁₄H₁₉N₃O₂S (Base) | C₁₅H₂₁N₃O₄S (Formate salt)

Molecular Weight : 293.38 (Base) | 339.41 (Formate salt)



Analytical Information

Batch Code	: ALL-SUM-13	HPLC Purity	: 98.00%
Solubility	: MeOH: ACN	Potency	: 95.12 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 0C	IR Analysis	: Confirm
Weight Loss By TGA	: 1.368%	¹H NMR	: Confirm
Residue Of Ignition	: 1.564 %		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (1.368+1.564) × 98.00]/100 = 95.12%

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