

Analysis Date: 29-09-2025

Re-test Date: 29-09-2028

SUMATRIPTAN IMPURITY 1

Identification

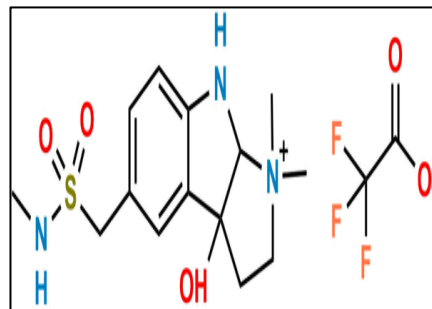
Chemical Name : 3a-Hydroxy-1,1-dimethyl-5-((N-methylsulfamoyl)methyl)-1,2,3,3a,8,8a-hexahydropyrrolo[2,3-b]indol-1-ium 2,2,2-trifluoroacetate

CAT No : ALL-SUM-22

CAS No : 2760668-68-4

Molecular Formula : C₁₄H₂₂N₃O₃S : C₂F₃O₂

Molecular Weight : 312.4 : 113.0



Analytical Information

Batch Code	: ALL-SUM-22	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 95.87%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 1.145%	¹HNMR	: Confirm
Residue Of Ignition	: 1.025%		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (1.145+1.025) × 98.00]/100 = 95.87%

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