

Analysis Date: 29-09-2025

Re-test Date: 29-09-2028

SUMATRIPTAN 3-HYDROXY-2-OXO IMPURITY

Identification

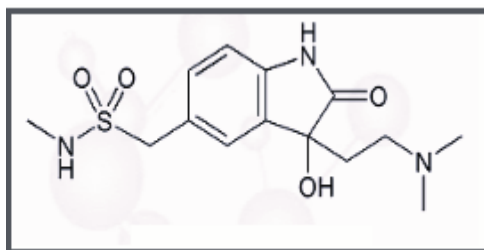
Chemical Name : 1-(3-(2-(Dimethylamino)ethyl)-3-hydroxy-2-oxoindolin-5-yl)-N-methylmethanesulfonamide

CAT No : ALL-SUM-1

CAS No : 2250254-19-2

Molecular Formula : C₁₄H₂₁N₃O₄S

Molecular Weight : 327.40



Analytical Information

Batch Code	: ALL-SUM-1	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%	¹H NMR	: 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