CERTIFICATE OF ANALYSIS

(Certificate No. KMS006010-01)

Release Date: 18/10/2024 **Re-test Date:** 17/10/2027

Sumatriptan 3-Hydroxy-2-Oxo Impurity

Identification

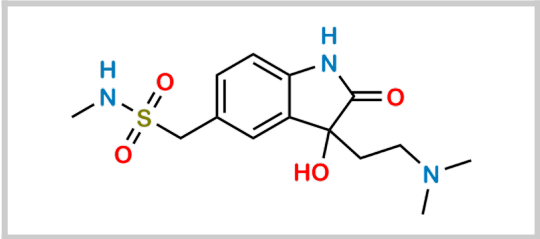
Chemical Name :
1-(3-(2-(Dimethylamino)ethyl)-3-hydroxy-2-oxoindolin-5-yl)-N-methylmethanesulfonamide

CAT No. : KMS006010

CAS No. : 2250254-19-2

Molecular Formula : C14H21N3O4S

Molecular Weight : 327.4



Analytical Information

Batch No.	: S006010-073-417	**Solubility**	: Water
Description	: Brown Hygroscopic Solid	**Mass**	: Confirm
HPLC Purity	: 97.55 %	**IR**	: Confirm
Weight Loss By TGA	: 1.78 %	**1H NMR**	: Confirm
% Potency	: 95.81 %		

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 1.78(Weight Loss By TGA)] x [97.55(HPLC Purity)]/100 = 95.81 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		31/03/2026
Reviewed & Approved By	Quality Control	Jatin Patel		31/03/2026

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA