CERTIFICATE OF ANALYSIS

(Certificate No. KMS006006-01)

Release Date: 30/09/2026 **Re-test Date:** 29/09/2029

N-Nitroso Sumatriptan EP Impurity D

Identification

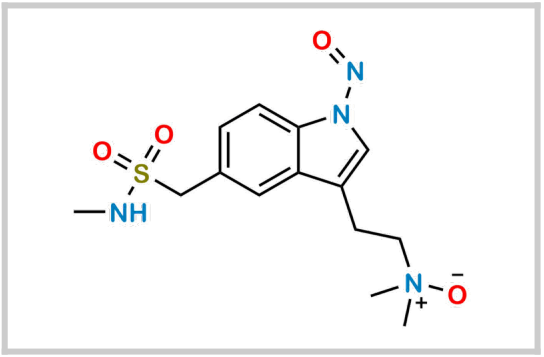
Chemical Name :
N,N-Dimethyl-2-(5-((N-methylsulfamoyl)methyl)-1-nitroso-1H-indol-3-yl)ethan-1-amine oxide

CAT No. : KMS006006

CAS No. : Not Available

Molecular Formula : C14H20N4O4S

Molecular Weight : 340.4



Analytical Information

Batch No.	: S006006-136	**Solubility**	: Should be confirm
Description	: Not Available	**Mass**	: Should be confirm
HPLC Purity	: NLT 95.1 %	**IR**	: Should be confirm
Weight Loss By TGA	: NLT 0.1 %	**1H NMR**	: Should be confirm
% Potency	: 95 %		

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 - 0.1(Weight Loss By TGA)] x [95.1(HPLC Purity)]/100 = 95 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		30/09/2026
Reviewed & Approved By	Quality Control	Jatin Patel		30/09/2026

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