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CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2025

Re-test Date: Mar 2028

Product Name: Sumatriptan EP Impurity H

Identification:

Chemical Name: 1-(3-(2-(Dimethylamino)ethyl)-1-((3-(2-(dimethylamino)ethyl)-1H-indol-5-yl)methyl)-1H-indol-5-yl)-N-methylmethanesulfonamide

Synonyms : Sumatriptan N-dimer (USP)

CAS Number : 1391052-59-7

CAT Number : CP-S13008

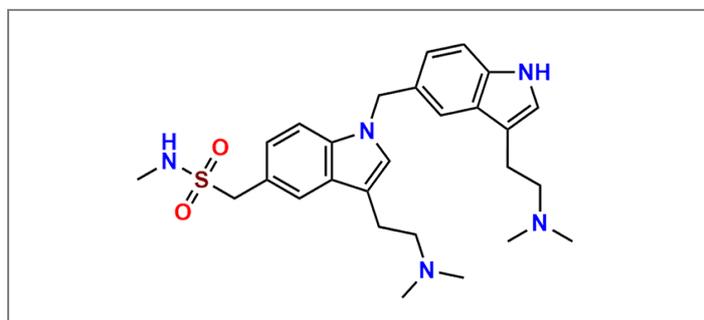
Molecular Formula : C₂₇H₃₇N₅O₂S

Molecular Weight : 495.69

Batch Number : CP-SUM-H-1123

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	White to Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.23%
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	1.591%
9)	Potency by TGA	96.67%



Prepared and Reviewed By

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe
(Quality Control)

Approved By

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.