

Analysis Date: 03-10-2025

Re-test Date: 03-10-2028

SUMATRIPTAN D6

Identification

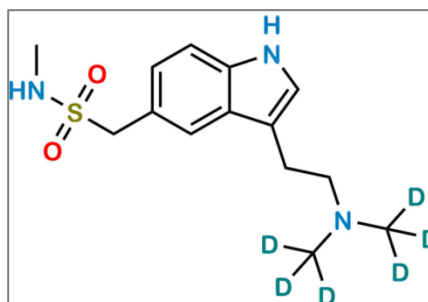
Chemical Name : 1-(3-(2-(Bis(methyl-d3)amino)ethyl)-1H-indol-5-yl)-N-methylmethanesulfonamide

CAT No : ALL-SUM-42

CAS No : 1020764-38-8

Molecular Formula : C₁₄H₁₅D₆N₃O₂S

Molecular Weight : 301.4



Analytical Information

Batch No. : ALL-SUM-42

HPLC Purity : 98.00%

Solubility : MeOH: ACN

Potency : 96.03%

Appearance of Product : Off White Solid

Mass : Confirm

Long Term Storage : 2-8⁰C

IR Analysis : Confirm

Weight Loss By TGA : 0.675 %

¹HNMR : Confirm

Residue Of Ignition : 1.334 %

Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = [100 - (0.675 + 1.334) \times 98.00] / 100 = 96.03\%$$

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

Allmpus Laboratories Pvt Ltd 38, Solitaire Industrial Estate, Plot No.TS-1, Near Nandi Palace Hotel, MIDC-Phase 1, Dombivli (E), Mumbai, Maharashtra 421203