

Analysis Date: 01-10-2025

Re-test Date: 01-10-2028

SUMATRIPTAN METABOLITE GR34633

Identification

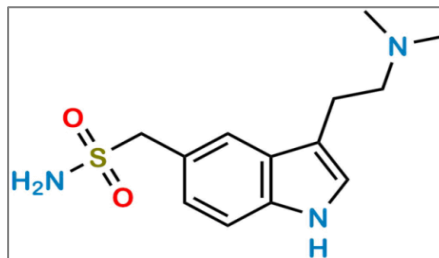
Chemical Name : (3-(2-(Dimethylamino)ethyl)-1H-indol-5-yl)methanesulfonamide

CAT No : ALL-SUM-39

CAS No : 88919-50-0

Molecular Formula : C₁₃H₁₉N₃O₂S

Molecular Weight : 281.4



Analytical Information

| | | | |
|------------------------------|-------------------|--------------------------|-----------|
| Batch No | : ALL-SUM-39 | HPLC Purity | : 98.00% |
| Solubility | : MeOH: ACN | Potency | : 96.95% |
| Appearance of Product | : Off White Solid | Mass | : Confirm |
| Long Term Storage | : 2-8 °C | IR Analysis | : Confirm |
| Weight Loss By TGA | : 0.395% | ¹H NMR | : Confirm |
| Residue Of Ignition | : 0.673% | | |

Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA } \% + \text{Residue Of Ignition } \%) \times \text{Chromatographic Purity}\%] / 100 = [100 - (0.395 + 0.673) \times 98.00] / 100 = 96.95\%$$

Recommendation : Released

| | Department | Name | Signature |
|--------------------------|------------|------------------------------------|-----------|
| Prepared and Reviewed by | Analytical | Mr. Vipul Khadse Jr. Executive | |
| Approved By | QA&QC | Dr. Ashish Keche Director QA&QC | |

Attachment : HPLC, Mass, ¹H NMR, TGA.

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office