

Analysis Date: 22-09-2025

Re-test Date: 22-09-2028

MITOMYCIN RELATED COMPOUND 2

Identification

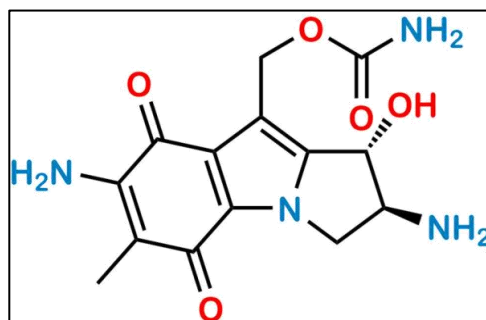
Chemical Name : 1-[4-Hydroxy-3-(hydroxymethyl)phenyl]-2-[[6-(1-methyl-3-phenylpropoxy) hexyl] amino]ethanol

CAT No : ALL-MIT-5

CAS No : 99745-88-7

Molecular Formula : C₁₄H₁₆N₄O₅

Molecular Weight : 320.3



Analytical Information

| | | | |
|------------------------------|-----------------------------------|--------------------------|-----------|
| Batch Code | : ALL-MIT-5 | HPLC Purity | : 98.00% |
| Solubility | : USP Diluent / EP Diluent (MEOH) | Potency | : 96.49% |
| Appearance of Product | : Off White Solid | Mass | : Confirm |
| Long Term Storage | : -20°C | IR Analysis | : Confirm |
| Weight Loss By TGA | : 0.711% | ¹H NMR | : Confirm |
| Residue Of Ignition | : 0.801% | | |

Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = [100 - (0.602 + 0.704) \times 98.00] / 100 = 96.49\%$$

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

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