

Analysis Date: 22-09-2025

Re-test Date: 22-09-2028

MITOMYCIN RELATED COMPOUND 2

Identification

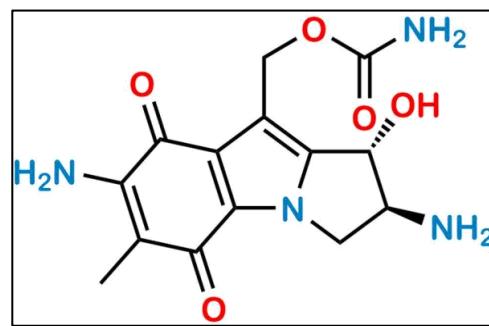
Chemical Name : 1-[4-Hydroxy-3-(hydroxymethyl)phenyl]-2-[[6-(1-methyl-3-phenylpropoxy) hexyl] amino]ethanol

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%	1HNMR	: Confirm
Residue Of Ignition	: 0.801%		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × 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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