

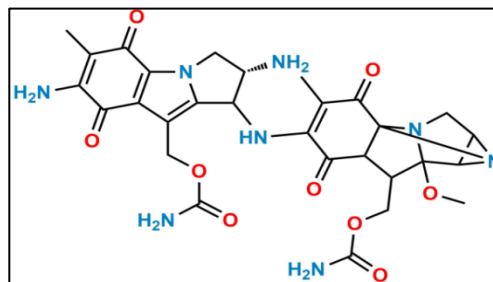
Analysis Date: 23-09-2025

Re-test Date: 23-09-2028

MITOMYCIN IMPURITY 1

Identification

Chemical Name	: ((2S)-2,7-Diamino-1-((9-((carbamoyloxy)methyl)-9a-methoxy-6-methyl-5,8-dioxo-1,2,3,5,8,8a,9,9a-octahydro-1,2,4a-(epinitrilo)pyrrolo[1,2-a]indol-7-yl)amino)-6-methyl-5,8-dioxo-2,3,5,8-tetrahydro-1H-pyrrolo[1,2-a]indol-9-yl)methyl carbamate
CAT No	: ALL-MIT-10
CAS No	: N.A.
Molecular Formula	: C ₂₉ H ₃₂ N ₈ O ₉
Molecular Weight	: 636.6



Analytical Information

Batch Code	: ALL-MIT-10	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 95.87%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 1.145%	¹ HNMR	: Confirm
Residue Of Ignition	: 1.025%		

Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = [100 - (1.145 + 1.025) \times 98.00] / 100 = 95.87\%$$

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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