

Analysis Date: 23-09-2025

Re-test Date: 23-09-2028

MITOMYCIN IMPURITY 5

Identification

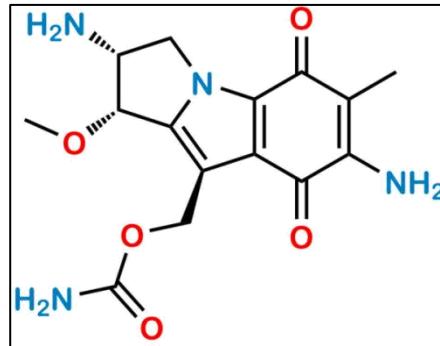
Chemical Name : ((1R,2R)-2,7-diamino-1-methoxy-6-methyl-5,8-dioxo-2,3,5,8-tetrahydro-1H-pyrrolo[1,2-a]indol-9-yl)methyl carbamate

CAT No : ALL-MIT-14

CAS No : 55253-22-0

Molecular Formula : C15H18N4O5

Molecular Weight : 334.3



Analytical Information

Batch Code	: ALL-MIT-14	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 97.26%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.275%	1HNMR	: Confirm
Residue Of Ignition	: 0.476%		

Additional Information

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

$$[100 - (0.275 + 0.476) \times 98.00] / 100 = 97.26\%$$

Recommendation : Released

Prepared and Reviewed by	Department	Name	Signature
	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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