

Analysis Date: 23-09-2025

Re-test Date: 23-09-2028

## MITOMYCIN RELATED COMPOUND 1

### Identification

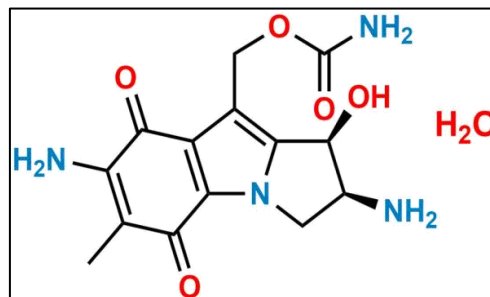
**Chemical Name** : 1-(4-Hydroxy-3-methylphenyl)-2-[[6-(4-phenylbutoxy)hexyl]amino]ethanol formate

**CAT No** : ALL-MIT-6

**CAS No** : N.A.

**Molecular Formula** : C<sub>14</sub>H<sub>16</sub>N<sub>4</sub>O<sub>5</sub> : H<sub>2</sub>O

**Molecular Weight** : 320.3 : 18.0



### Analytical Information

<b>Batch Code</b>	: ALL-MIT-6	<b>HPLC Purity</b>	: 98.00%
<b>Solubility</b>	: USP Diluent / EP Diluent (MEOH)	<b>Potency</b>	: 95.71%
<b>Appearance of Product</b>	: Off White Solid	<b>Mass</b>	: Confirm
<b>Long Term Storage</b>	: -20°C	<b>IR Analysis</b>	: Confirm
<b>Weight Loss By TGA</b>	: 1.354%	<b><sup>1</sup>H NMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.974%		

### Additional Information

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

$$[100 - (1.354 + 0.974) \times 98.00] / 100 = 95.71\%$$

**Recommendation** : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul khadase Jr. Executive	
Approved By	QA&QC	Dr. Ashish Kechhe Director QA&QC	

**Attachment** : HPLC, Mass, <sup>1</sup>H NMR, IR, TGA

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

### Corporate Office

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