

**Analysis Date:** 23-09-2025

**Re-test Date:** 23-09-2028

## **MITOMYCIN IMPURITY 6**

### **Identification**

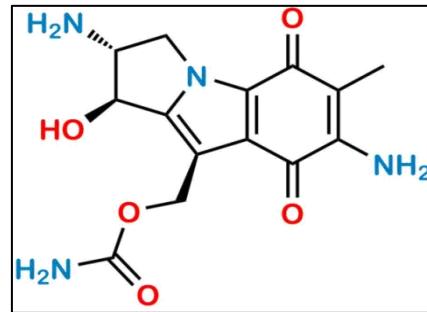
**Chemical Name** : ((1S,2R)-2,7-diamino-1-hydroxy-6-methyl-5,8-dioxo-2,3,5,8-tetrahydro-1H-pyrrolo[1,2-a]indol-9-yl)methyl carbamate

**CAT No** : ALL-MIT-15

**CAS No** : 54911-18-1

**Molecular Formula** : C14H16N4O5

**Molecular Weight** : 320.3



### **Analytical Information**

<b>Batch Code</b>	: ALL-MIT-15	<b>HPLC Purity</b>	: 98.00%
<b>Solubility</b>	: MeOH: ACN	<b>Potency</b>	: 96.58%
<b>Appearance of Product</b>	: Off White Solid	<b>Mass</b>	: Confirm
<b>Long Term Storage</b>	: 2-8 0C	<b>IR Analysis</b>	: Confirm
<b>Weight Loss By TGA</b>	: 0.223 %	<b>1HNMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 1.214 %		

### **Additional Information**

**%Potency** = [100 %-( Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =  

$$[100 - (0.223+1.214) \times 98.00]/100 = 96.58\%$$

**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**