

Analysis Date: 25-06-2025

Re-test Date: 25-06-2028

## DAPTOMYCIN IMPURITY 8

### Identification

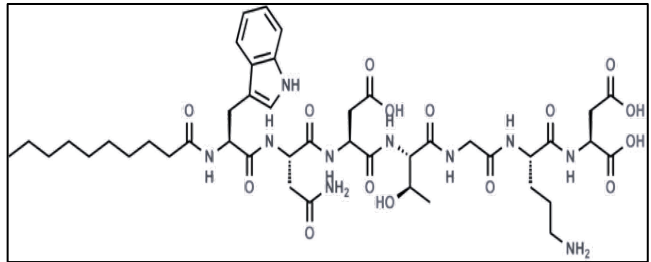
**Chemical Name** : ((S)-5-Amino-2-(2-((2S,3R)-2-((S)-2-((S)-4-amino-2-((S)-2-decanamido-3-(1H-indol-3-yl)propanamido)-4-oxobutanamido)-3-carboxypropanamido)-3-hydroxybutanamido)acetamido)pentanoyl)-L-aspartic acid

**CAT No** : ALL-D07097

**CAS No** : N.A.

**Molecular Formula** : C44H66N10O15

**Molecular Weight** : 975.1



### Analytical Information

<b>Batch Code</b>	: ALL-D07097	<b>HPLC Purity</b>	: 98.00%
<b>Solubility</b>	: USP Diluent / EP Diluent (MEOH)	<b>Potency</b>	: 96.37%
<b>Appearance of Product</b>	: Off White Solid	<b>Mass</b>	: Confirm
<b>Long Term Storage</b>	: -20 <sup>0</sup> C	<b>IR Analysis</b>	: Confirm
<b>Weight Loss By TGA</b>	: 0.235%	<b>1HNMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 1.425%		

### Additional Information

**%Potency** = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =  
 [100 - (0.235+1.425) × 98.00]/100 = 96.37%

**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