

Analysis Date: 25-06-2025

Re-test Date: 25-06-2028

## ASP-CYCLIZED DAPTOMYCIN

### Identification

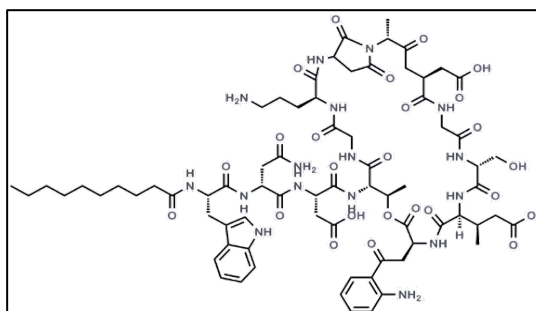
**Chemical Name** : (3S)-3-((R)-4-amino-2-((S)-2-decanamido-3-(1H-indol-3-yl)propanamido)-4-oxobutanamido)-4-(((2R,5S,11R,14S,17S,20R,21S,27S)-17-(2-(2-aminophenyl)-2-oxoethyl)-27-(3-aminopropyl)-5-(carboxymethyl)-14-((R)-1-carboxypropan-2-yl)-11-(hydroxymethyl)-2,20-dimethyl-3,6,9,12,15,18,22,25,28,32,33-undeca-oxo-19-oxa-1,7,10,13,16,23,26,29-octazaabicyclo[28.2.1]trtriacontan-21-yl)amino)-4-oxobutanoic acid

**CAT No** : ALL-D07818

**CAS No** : N.A.

**Molecular Formula** : C73H100N16O25

**Molecular Weight** : 1601.7



### Analytical Information

<b>Batch Code</b>	: ALL-D07818	<b>HPLC Purity</b>	: 98.00%
<b>Solubility</b>	: METHANOL	<b>Potency</b>	: 97.43%
<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>	: 0.347%	<b><sup>1</sup>H NMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.265%		

### Additional Information

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

$$[100 - (0.347+0.265) \times 98.03]/100 = 97.43\%$$

**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, <sup>1</sup>H NMR, IR, TGA

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

#### Corporate Office

otherwise specified

**Corporate Office**

Allmpus Laboratories Pvt Ltd 38, Solitaire Industrial Estate, Plot No.TS-1, Near Nandi Palace Hotel, MIDC-Phase 1, Dombivli (E),Mumbai, Maharashtra 421203