

Analysis Date: 25-06-2025

Re-test Date: 25-06-2028

## DAPTOMYCIN IMPURITY 30

### Identification

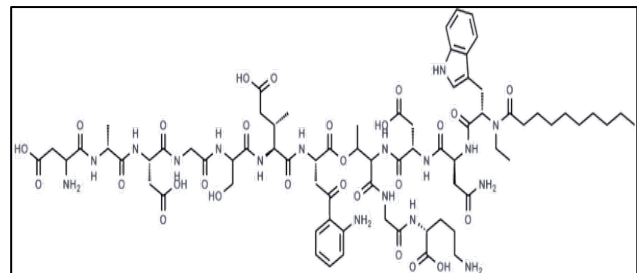
**Chemical Name** : (2R,12S,15S,24S,27R)-30-Amino-8-((S)-2-((S)-4-amino-2-((S)-2-(N-ethyldecanamido)-3-(1H-indol-3-yl)propanamido)-4-oxobutanamido)-3-carboxypropanamido)-12-(2-(2-aminophenyl)-2-oxoethyl)-2-(3-aminopropyl)-24-(carboxymethyl)-15-((S)-1-carboxypropan-2-yl)-18-(hydroxymethyl)-9,27-dimethyl-4,7,11,14,17,20,23,26,29-nonaoxo-10-oxa-3,6,13,16,19,22,25,28-octaazadotriacontanedioic acid

**CAT No** : ALL-D07811

**CAS No** : N.A.

**Molecular Formula** : C74H107N17O27

**Molecular Weight** : 1666.8



### Analytical Information

<b>Batch Code</b>	: ALL-D07811	<b>HPLC Purity</b>	: 98.00%
<b>Solubility</b>	: USP Diluent / EP Diluent (MEOH)	<b>Potency</b>	: 97.42%
<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>	: 0.225%	<b>1HNMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.309%		

### Additional Information

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

[100 - (0.225+0.309) × 98.00]/100 = 97.42%

**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