

Analysis Date: 25-06-2025

Re-test Date: 25-06-2028

## DAPTOMYCIN IMPURITY 17

### Identification

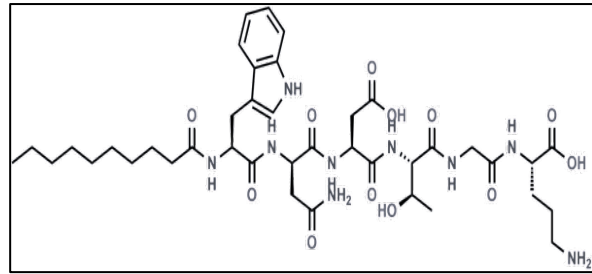
**Chemical Name** : 2S,8S,11S,14R,17S)-17-((1H-Indol-3-yl)methyl)-14-(2-amino-2-oxoethyl)-2-(3-aminopropyl)-11-(carboxymethyl)-8-((R)-1-hydroxyethyl)-4,7,10,13,16,19-hexaoxo-3,6,9,12,15,18-hexaazaocctacosanoic acid

**CAT No** : ALL-D07806

**CAS No** : 866822-35-7

**Molecular Formula** : C40H61N9O12

**Molecular Weight** : 860.0



### Analytical Information

<b>Batch Code</b>	: ALL-D07806	<b>HPLC Purity</b>	: 98.00%
<b>Solubility</b>	: USP Diluent / EP Diluent (MEOH)	<b>Potency</b>	: 96.91%
<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>	: 0.628%	<b>1HNMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.479%		

### Additional Information

**%Potency** = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =  
 [100 - (0.628+0.479) × 98.00]/100 = 96.91%

**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