

Analysis Date: 25-06-2025

Re-test Date: 25-06-2028

DAPTOMYCIN IMPURITY 5

Identification

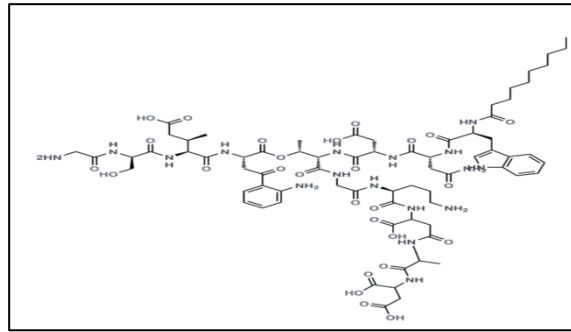
Chemical Name : (3S)-3-((R)-4-Amino-2-((S)-2-decanamido-3-(1H-indol-3-yl)propanamido)-4-oxobutanamido)-4-(((2R,5S,11R,14S,17S,20R,21S,27S,30S)-17-(2-(2-aminophenyl)-2-oxoethyl)-27-(3-aminopropyl)-5-(carboxymethyl)-14-((R)-1-carboxypropan-2-yl)-11-(hydroxymethyl)-2,20-dimethyl-3,6,9,12,15,18,22,25,28,32,33-undeca-oxo-19-oxa-1,4,7,10,13,16,23,26,29-nonaazabicyclo[28.2.1]tritiacontan-21-yl)amino)-4-oxobutanoic acid

CAT No : ALL-D07095

CAS No : N.A.

Molecular Formula : C72H99N17O25

Molecular Weight : 1602.7



Analytical Information

| | | | |
|------------------------------|-----------------------------------|--------------------|-----------|
| Batch Code | : ALL-D07095 | HPLC Purity | : 98.00% |
| Solubility | : USP Diluent / EP Diluent (MEOH) | Potency | : 95.75% |
| Appearance of Product | : Off White Solid | Mass | : Confirm |
| Long Term Storage | : -20 ⁰ C | IR Analysis | : Confirm |
| Weight Loss By TGA | : 1.218% | 1HNMR | : Confirm |
| Residue Of Ignition | : 1.068% | | |

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (1.218+1.068) × 98.00]/100 = 95.75%

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