

Analysis Date: 25-06-2025

Re-test Date: 25-06-2028

DAPTOMYCIN IMPURITY 10

Identification

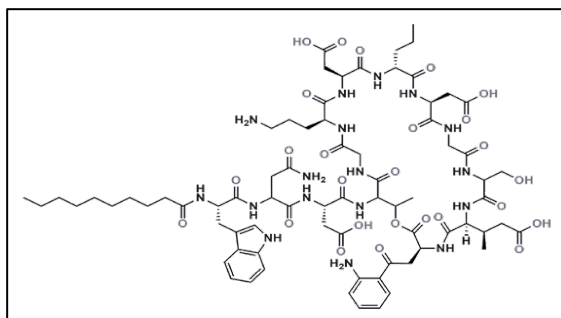
Chemical Name : 2,2'-((3S,6S,15S,18R,21S,24S)-30-((2S)-2-(4-Amino-2-((S)-2-decanamido-3-(1H-indol-3-yl)propanamido)-4-oxobutanamido)-3-carboxypropanamido)-3-(2-(2-aminophenyl)-2-oxoethyl)-24-(3-aminopropyl)-6-((R)-1-carboxypropan-2-yl)-9-(hydroxymethyl)-31-methyl-2,5,8,11,14,17,20,23,26,29-decaoxo-18-propyl-1-oxa-4,7,10,13,16,19,22,25,28-nonaazacyclohentriacontane-15,21-diyl)diacetic acid Shipping Temperature: Ambient

CAT No : ALL-D07099

CAS No : N.A

Molecular Formula : C74H105N17O26

Molecular Weight : 1648.7



Analytical Information

| | | | |
|------------------------------|-----------------------------------|--------------------|-----------|
| Batch Code | : ALL-D07099 | HPLC Purity | : 98.00% |
| Solubility | : USP Diluent / EP Diluent (MEOH) | Potency | : 96.65% |
| Appearance of Product | : Off White Solid | Mass | : Confirm |
| Long Term Storage | : -20 ⁰ C | IR Analysis | : Confirm |
| Weight Loss By TGA | : 0.628% | 1HNMR | : Confirm |
| Residue Of Ignition | : 0.748% | | |

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (0.628+0.748) × 98.00]/100 = 96.65%

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