

Analysis Date: 25-06-2025

Re-test Date: 25-06-2028

DAPTOMYCIN IMPURITY 15

Identification

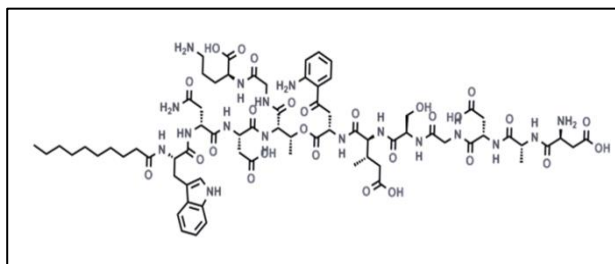
Chemical Name : (2S,8S,9R,12S,15S,18R,24S,27R,30S)-30-Amino-8-((S)-2-((R)-4-amino-2-((S)-2-decanamido-3-(1H-indol-3-yl)propanamido)-4-oxobutanamido)-3-carboxypropanamido)-12-(2-(2-aminophenyl)-2-oxoethyl)-2-(3-aminopropyl)-24-(carboxymethyl)-15-((S)-1-carboxypropan-2-yl)-18-(hydroxymethyl)-9,27-dimethyl-4,7,11,14,17,20,23,26,29-nonaaxo-10-oxa-3,6,13,16,19,22,25,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

CAT No : ALL-D07804

CAS No : N.A

Molecular Formula : C72H103N17O27

Molecular Weight : 1638.7



Analytical Information

Batch Code	: ALL-D07804	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 97.43%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20 ⁰ C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.251%	1HNMR	: Confirm
Residue Of Ignition	: 0.325%		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (0.251+0.325) × 98.00]/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, 1H NMR, IR, TGA

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

Corporate Office