Certificate Of Analysis

Analysis Date: 25-06-2025 **Re-test Date:** 25-06-2028

HYDROXY DERIVATIVE OF DAPTOMYCIN

Identification

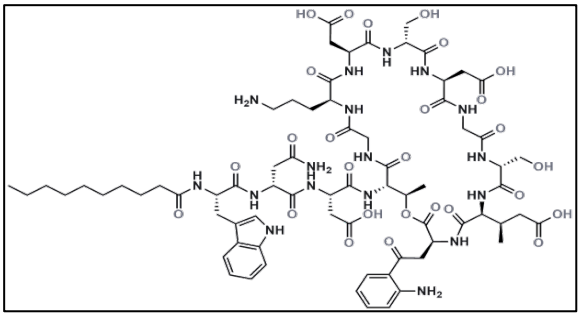
Chemical Name : 2,2'-((3S,6S,9R,15S,18R,21S,24S,30S,31R)-30-((S)-2-((R)-4-Amino-2-((S)-2-decanamido-3-(1H-indol-3-yl)propanamido)-4-oxobutanamido)-3-carboxypropanamido)-3-(2-(2-aminophenyl)-2-oxoethyl)-24-(3-aminopropyl)-6-((R)-1-carboxypropan-2-yl)-9,18-bis(hydroxymethyl)-31-methyl-2,5,8,11,14,17,20,23,26,29-decaoxo-1-oxa-4,7,10,13,16,19,22,25,28-nonaazacyclohe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

CAT No : ALL-D07094

CAS No : 921590-20-7

Molecular Formula : C72H101N17O27

Molecular Weight : 1636.7



Analytical Information

Batch Code	: ALL-D07094	**HPLC Purity**	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	**Potency**	: 97.06%
Appearance of Product	: Off White Solid	**Mass**	: Confirm
Long Term Storage	: -20^0 C	**IR Analysis**	: Confirm
Weight Loss By TGA	: 0.536%	**1HNMR**	: Confirm
Residue Of Ignition	: 0.419%		

Additional Information

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

[100 – (0.536+0.419) × 98.00]/100 = 97.06%

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

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