

Analysis Date: 14-06-2025

Re-test Date: 14-06-2028

MUPIROCIN EP IMPURITY I

Identification

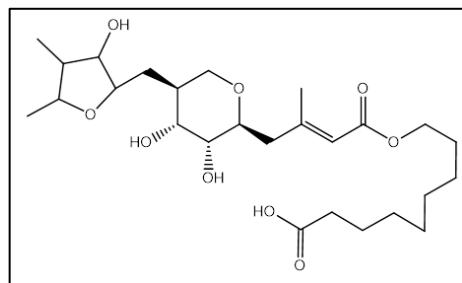
Chemical Name : 9-[(2E)-4-[(2S,3R,4R,5S)-3,4-dihydroxy-5-[(3-hydroxy-4,5-dimethyltetrahydrofuran-2-yl)methyl]tetrahydro-2H-pyran-2-yl]-3-methylbut-2-enoyl]oxy]nonanoic acid (as per EP)

CAT No : ALL-M07320

CAS No : N.A.

Molecular Formula : C₂₆H₄₄O₉

Molecular Weight : 500.62



Analytical Information

Batch Code	: ALL-M07320	HPLC Purity	: 98.09%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 96.82%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20 °C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.618%	1HNMR	: Confirm
Residue Of Ignition	: 0.788%		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
[100 - (0.618+0.788) × 98.09]/100 = 96.82%

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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