

Analysis Date: 14-06-2025

Re-test Date: 14-06-2028

MUPIROCIN EP IMPURITY B

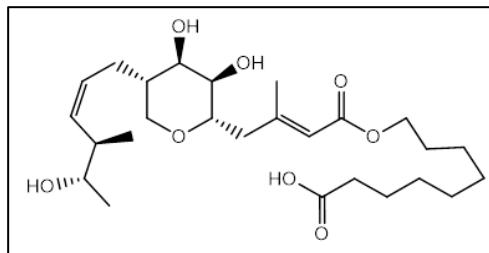
Identification

Chemical Name : 9-[(2E)-4-[(2S,3R,4R,5S)-3,4-Dihydroxy-5-[(2E,4R,5S)-5-hydroxy-4-methylhex-2-enyl]tetrahydro-2H-pyran-2-yl]-3-methylbut-2-enoyl]oxy]nonanoic acid

CAT No : ALL-M07313

CAS No : 71980-98-8

Molecular Formula : C₂₆H₄₄O₈



Molecular Weight : 484.62

Analytical Information

Batch Code	: ALL-M07313	HPLC Purity	: 98.00%
Solubility	: Methanol, DMSO	Potency	: 96.49 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 °C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.684%	1HNMR	: Confirm
Residue Of Ignition	: 0.947%		

Additional Information

$$\begin{aligned} \text{\%Potency} &= [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = \\ &[100 - (0.684 + 0.947) \times 98.00] / 100 = 96.49 \% \end{aligned}$$

Recommendation : Released

Prepared and Reviewed by	Department	Name	Signature
	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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