

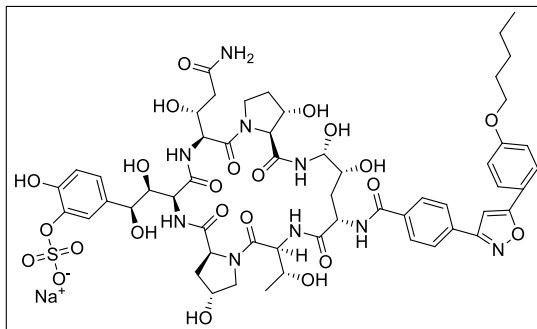
Analysis Date: 16-04-2025

Re-test Date: 16-04-2028

DESMETHYL MICAFUNGIN

Identification

Chemical Name	: Sodium 5-[(1S,2S)-2-[(2R,6S,9S,11R,12R,14aS,15S,20S,23S,25aS)-20-[(R)-3-amino-1-hydroxy-3-oxopropyl]-2,11,12,15-tetrahydroxy-6-[(R)-1-hydroxyethyl]-5,8,14,19,22,25-hexaoxo-9-(4-{5-[4-(pentyloxy)phenyl]isoxazol-3-yl}benzamido)tetracosahydro-1H-dipyrrolo[2,1-c:2',1'-l][1,4,7,10,13,16]hexaazacyclohenicosin-23-yl]-1,2-dihydroxyethyl]-2-hydroxyphenyl sulfate
CAT No	: ALL-M08640
CAS No	: 1392514-03-2 (Na) 1392513-99-3 (free base)
Molecular Formula	: C ₅₅ H ₆₈ N ₉ O ₂₃ S : Na
Molecular Weight	: 1255.2 + 23.0 = 1278.2



Analytical Information

Batch Code	: ALL-M08640	HPLC Purity	: 91.65 %
Solubility	: MeOH: ACN	Potency	: 90.66 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 °C	IR Analysis	: Confirm
Weight Content By TGA	: 0.875 %	¹ H NMR	: Confirm
Residue Of Ignition	: 0.196 %		

Additional Information

$$\% \text{Potency} = [100 - (\text{Inorganic Impurities \%} + \text{Water \%}) \times \text{Chromatographic Purity\%}] / 100 =$$

$$[100 - (0.196 + 0.875) \times 91.65] / 100 = 90.66 \%$$

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadse 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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