

Analysis Date: 25-03-2025

Re-test Date: 25-03-2028

CASPOFUNGIN EP IMPURITY F

Identification

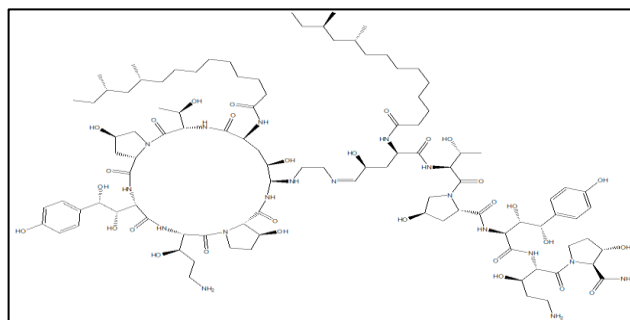
Chemical Name : (2S,4R)-N-((2S,3S,4S)-1-(((2S,3R)-5-amino-1-((2S,3S)-2-carbamoyl-3-hydroxypyrrolidin-1-yl)-3-hydroxy-1-oxopentan-2-yl)amino)-3,4-dihydroxy-4-(4-hydroxyphenyl)-1-oxobutan-2-yl)-1-(((2R,4S,Z)-5-((2-(((2R,6S,9S,11R,12S,14aS,15S,20S,23S,25aS)-20-((R)-3-amino-1-hydroxypropyl)-23-((1S,2S)-1,2-dihydroxy-2-(4-hydroxyphenyl)ethyl)-9-((10R,12S)-10,12-dimethyltetradecanamido)-2,11,15-trihydroxy-6-((R)-1-hydroxyethyl)-5,8,14,19,22,25-hexaoxotetracosahydro-1H-dipyrrolo[2,1-c:2',1'-l][1,4,7,10,13,16]hexaazacycloheptacosin-12-yl)amino)ethyl)imino)-2-((10R,12S)-10,12-dimethyltetradecanamido)-4-hydroxypentanoyl)-L-threonyl)-4-hydroxypyrrolidine-2-carboxamide

CAT No : ALL-CAS-5749

CAS No : N.A.

Molecular Formula : C102H168N18O30

Molecular Weight : 2126.6



Analytical Information

Batch No.	: ALL-CAS-5749	HPLC Purity	: 98.07%
Solubility	: METHANOL	Potency	: 95.38%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8°C	IR Analysis	: Confirm
Weight Loss By TGA	: 1.247%	1HNMR	: Confirm
Residue Of Ignition	: 1.491%		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
[100 - (1.247+ 1.491× 98.07)]/100= 95.38%

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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