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## CERTIFICATE OF ANALYSIS

Analysis Date:

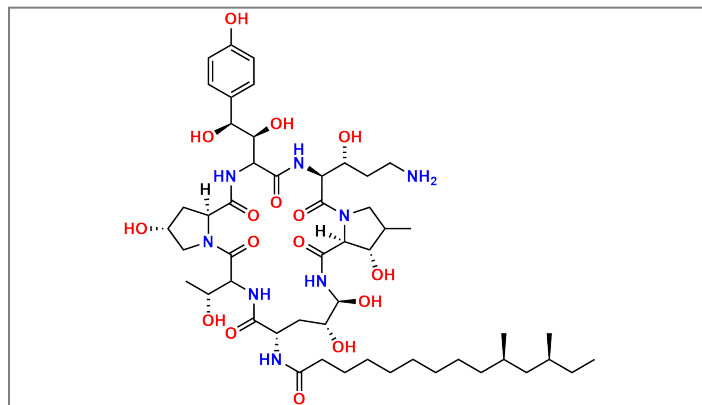
Re-test Date:

**Product Name: Caspofungin Impurity E**

### Identification:

Chemical Name: (10R,12S)-N-((2R,9S,11R,12R,14aS,15S,20S,25aS)-20-((R)-3-Amino-1-hydroxypropyl)-23-((1S,2S)-1,2-dihydroxy-2-(4-hydroxyphenyl)ethyl)-2,11,12,15-tetrahydroxy-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]hexaazacyclohenicosin-9-yl)-10,12-dimethyltetradecanamide

Synonyms : NA  
CAS Number : 150283-04-8  
CAT Number : CP-C112004  
Molecular Formula : C<sub>50</sub>H<sub>82</sub>N<sub>8</sub>O<sub>16</sub>  
Molecular Weight : 1051.25



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.