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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Micafungin Nucleus**

### Identification:

Chemical Name: 5-((1S,2S)-2-((2R,6S,9S,11R,12R,14aS,15S,16S,20S,23S,25aS)-9-amino-20-((R)-3-amino-1-hydroxy-3-oxopropyl)-2,11,12,15-tetrahydroxy-6-((R)-1-hydroxyethyl)-16-methyl-5,8,14,19,22,25-hexaoxotetracosahydro-1H-dipyrrolo[2,1-c:2',1'-I][1,4,7,10,13,16]hexaazacyclohenicosin-23-yl)-1,2-dihydroxyethyl)-2-hydroxyphenyl hydrogen sulfate

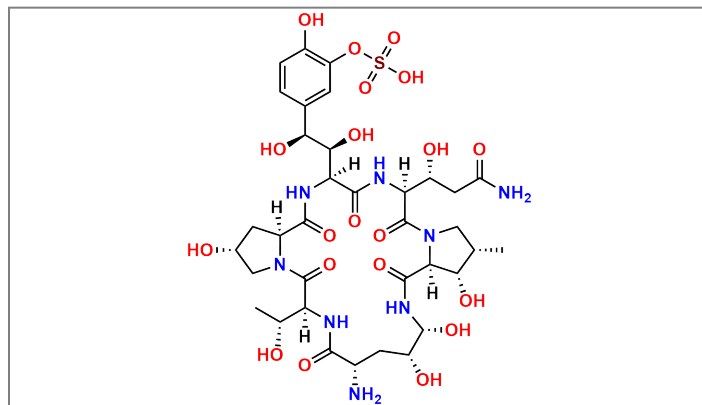
Synonyms : Micafungin CMICA ; Micafungin  
FR 133303 ; Micafungin FR  
179642

CAS Number : 168110-44-9

CAT Number : CP-M94011

Molecular Formula : C<sub>35</sub>H<sub>52</sub>N<sub>8</sub>O<sub>20</sub>S

Molecular Weight : 936.9



### 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**

**Approved By**



Ms Priyanka Salunkhe  
(Manager QC Analytical)

Ms Rohini Gagare  
(QA Head)

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