



Certificate of Analysis

Product Name: Caspofungin (diacetate)

Cat. No.: CS-0578 **CAS No.:** 179463-17-3

Batch No.: 65666

Chemical Name: Pneumocandin B0, 1-[(4R,5S)-5-[(2-aminoethyl)amino]-N2-[(10R,12S)-10,12-dimethyl-1-oxote

tradecyl]-4-hydroxy-L-ornithine]-5-[(3R)-3-hydroxy-L-ornithine]-, acetate (1:2)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{56}H_{96}N_{10}O_{19}$ **Molecular Weight:** 1213.42

Storage: -20°C, sealed storage, away from moisture and light

Chemical Structure:

HO HO HO NH2
HO HO HO NH OH OH

ANALYTICAL DATA

Appearance: White to off-white (Solid)

LCMS: Consistent with structure

Purity (LCMS): 98.02%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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