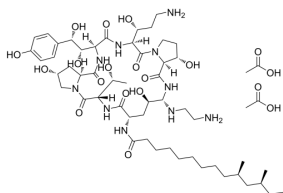


## Certificate of Analysis

<b>Product Name:</b>	Caspofungin (diacetate)
<b>Cat. No.:</b>	CS-0578
<b>CAS No.:</b>	179463-17-3
<b>Batch No.:</b>	110491
<b>Chemical Name:</b>	Pneumocandin B0, 1-[(4R,5S)-5-[(2-aminoethyl)amino]-N2-[(10R,12S)-10,12-dimethyl-1-oxotetradecyl]-4-hydroxy-L-ornithine]-5-[(3R)-3-hydroxy-L-ornithine]-, acetate (1:2)

### PHYSICAL AND CHEMICAL PROPERTIES

<b>Molecular Formula:</b>	C <sub>56</sub> H <sub>96</sub> N <sub>10</sub> O <sub>19</sub>
<b>Molecular Weight:</b>	1213.42
<b>Storage:</b>	-20°C, sealed storage, away from moisture and light
<b>Chemical Structure:</b>	



### ANALYTICAL DATA

<b>Appearance:</b>	White to off-white (Solid)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>MS:</b>	Consistent with structure
<b>Purity (HPLC):</b>	95.86%
<b>Conclusion:</b>	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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