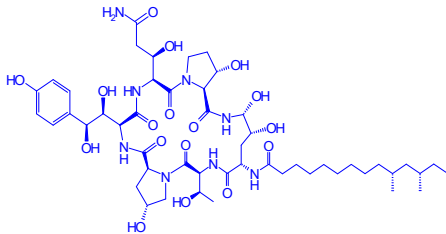


Specification of Caspofungin Intermediate(Preliminary)

<i>Name</i>		<i>Structure</i>
Pneumocandin B0		
<i>CAS Number</i>	135575-42-7	
<i>MOA No.</i>	MOA-CFA	

<i>Test Items</i>	<i>Specification</i>
<i>Appearance</i>	White or off-white solid
<i>Identification</i>	IR: Conform to the IR spectrum of Reference Standard.
	HPLC: The retention time of major peak corresponds to that of reference standard by HPLC.
<i>Related substance I</i>	CBR01-A: NMT 0.5%
	CBR01-B ₁ : NMT 0.5%
	CBR01-B ₂ : NMT 0.5%
	Any unspecified individual impurity: NMT 0.2%
	Total impurities: NMT 3.0%
<i>Related substance II</i>	Pneumocandin C0: NMT 0.1%
<i>Residual Solvents</i>	Isopropanol: NMT 0.5%
	Dichloromethane: NMT 0.06%
	Ethanol: NMT 5.0 %
<i>Water</i>	NMT 5.0 %
<i>Assay(on anhydrous and solvent free basis)</i>	97.0-102.0%
<i>Conclusion</i>	
<i>Storage</i>	<i>Store in a tight container at a temperature not exceeding 8 °C, protected from light.</i>