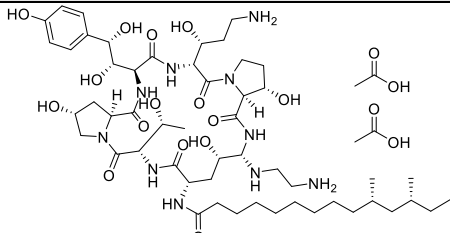




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
314268	Caspofungin acetate	C7R06B16

Chemical name	
(10S,12R)-N-((2R,6S,9S,11S,12S,14aS,15S,20R,23S,25aS)-20-((R)-3-amino-1-hydroxypropyl)-12-((2-aminoethyl)amino)-23-((1S,2S)-1,2-dihydroxy-2-(4-hydroxyphenyl)ethyl)-2,11,15-trihydroxy-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 diacetate	
Synonyms	
L743872; L-743872; L 743872; MK 0991; MK-0991; MK0991; Caspofungin acetate; brand name: Cancidas	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 314268 Name: Caspofungin acetate CAS#: 179463-17-3 (acetate) Lot# C7R06B16 Chemical Formula: C ₅₆ H ₉₆ N ₁₀ O ₁₉ Molecular Weight: 1213.42

Analysis item	Specifications / Results
Appearance	White to off-white solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>98.0%
Solubility	Soluble in DMSO
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE