

## 1. Identification

### Catalogue Number

C184902

### Lot Number

5-AVS-2-1

### Product Name

Caspofungin Acetate-d4

### Synonyms

1-[(4R,5S)-5-[(2-Aminoethyl)amino]-N2-[(10R,12S)-10,12-dimethyl-1-oxotetradecyl]-4-hydroxy-L-ornithine]-5-(threo-3-hydroxy-L-ornithine)pneumocandin B0 Diacetate-d4; Cancidas-d4; Caspofungin Diacetate-d4; L 743872-d4; L 743873-d4; MK 0991-d4; 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]

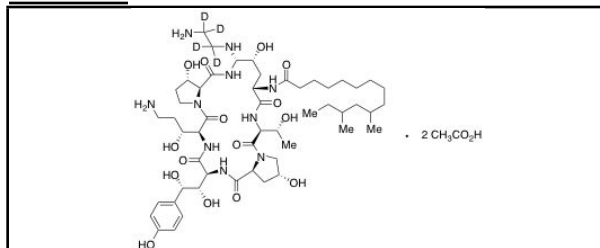
### CAS Number

N/A

### Solubility

Methanol (Slightly), Water (Slightly)

### Structure



### Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

### Molecular Formula

C52H84D4N10O15.2CH3CO2H

### Source of Product

Synthetic

### Long Term Storage Conditions

-20°C, Hygroscopic

### Molecular Weight

1217.44

### Purity

>95%

## 2. Warnings

Hygroscopic

## 3. Analytical Information

Tests	Specifications	Results
Appearance	White to Pale Beige Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 51.90, %H: 8.26, %N: 10.84
HPLC Purity	>95%	98.56% (ELSD)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	99.9%

### Additional Information

Normalized Intensity:  $d_0 = 0.02\%$ ,  $d_1 = 0.04\%$ ,  $d_2 = 0.05\%$ ,  $d_3 = 0.00\%$ ,  $d_4 = 99.89\%$

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of  $\pm 2\%$ . Isotopic purity is based on mass distribution observed.

The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

## 4. Signatures

Reviewed by	Reviewed by	C of A Approved by	Test Date	Retest Date
			3/1/2024	2/28/2028
Henry Tieu	Toni Rantanen	Chanell Chu		
Product Quality Specialist	Manager, Quality Assurance	Quality Assurance Associate		