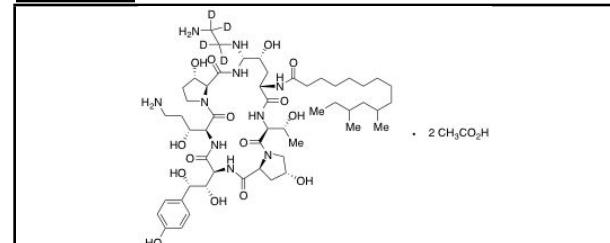


1. Identification

Catalogue Number C184902 Lot Number 17-CGS-80-1

Product Name
Caspofungin Acetate-d4

StructureSynonyms

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)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C52H84D4N10O15.2CH3C Source of Product Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

1217.44 Purity 95%

2. Warnings

Hygroscopic

3. Analytical Information

| <u>Tests</u> | <u>Specifications</u> | <u>Results</u> |
|--------------------|---------------------------|--------------------------------|
| Appearance | White to Pale Beige Solid | White to Off-White Solid |
| NMR | Conforms to Structure | Conforms |
| Elemental Analysis | Conforms | %C: 50.79, %H: 7.94, %N: 10.34 |
| HPLC Purity | Report Result | 98.21% (ELSD) |
| MS | Conforms to Structure | Conforms |
| Isotopic Purity | >95% | >99.9% |

Additional Information

Normalized Intensity: d₀ = 0.00%, d₁ = 0.00%, d₂ = 0.00%, d₃ = 0.00%, d₄ = 100.00%

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

| <u>Reviewed by</u> | <u>Reviewed by</u> | <u>C of A Approved by</u> | <u>Test Date</u> | <u>Retest Date</u> |
|--------------------|--------------------|---------------------------|------------------|--------------------|
| | | | 3/1/2024 | 2/28/2028 |

Henry Tieu
Product Quality Specialist

Toni Rantanen
Manager, Quality Assurance

Chanell Chu
Quality Assurance Associate