

1. Identification

Catalogue Number

F865502

Lot Number

26-IHB-75-1

Product Name

Fusidic Acid-d6

Synonyms

(3?,4?,8?,9?,11?,13?,14?,16?,17Z)-16-(Acetyloxy)-3,11-dihydroxy-29-nordammara-17(20),24-dien-21-oic Acid-d6; Flucidin-d6; Fucithalmic-d6; Fusidinic Acid-d6; NSC 56192-d6; Ramycin-d6; SQ 16603-d6;

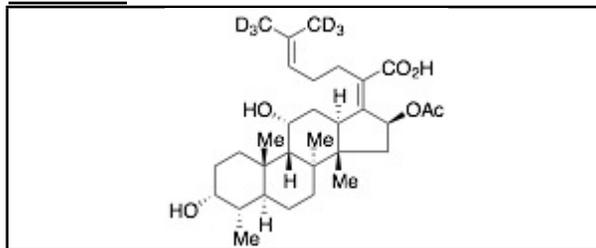
CAS Number

N/A

Solubility

Chloroform (Slightly), Methanol (Very Slightly)

Structure



Molecular Formula

C₃₁H₄₂D₆O₆

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

522.71

Purity

>95%

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

98.05% (220 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

98.1%

Additional Information

Normalized Intensity: d₀ = 0.06%, d₁ = 0.29%, d₂ = 0.63%, d₃ = 0.00%, d₄ = 1.71%, d₅ = 3.78%, d₆ = 93.54%

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 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

Nicole Yip
Product Quality Specialist

Reviewed by

Toni Rantanen
Manager, Quality Assurance

C of A Approved by

Chanell Chu
Quality Assurance Associate

Test Date

8/1/2023

Retest Date

7/30/2027