



CERTIFICATE OF ANALYSIS

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1. Identification

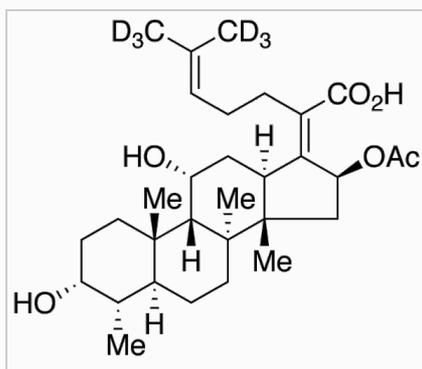
Catalogue Number: F865502

CAS Number: NA

Product: Fusidic Acid-d6

Synonym: (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; Fucithalamic-d6; Fusidinic Acid-d6; NSC 56192-d6; Ramycin-d6; SQ 16603-d6;

Structure:



Molecular Formula:

C₃₁H₄₂D₆O₆

Molecular weight:

522.71

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly),
Methanol (Very Slightly)

Lot Number: 25-IHB-39-1

Purity: 97%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	99.3%
HPLC Purity	Report Result	97.55% (220 nm)

Additional Information:

Normalized Intensity: d0 = 0.11%, d1 = 0.06%, d2 = 0.02%, d3 = 0.00%, d4 = 0.20%, d5 = 2.94%, d6 = 96.68%.

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	Reviewed By	C of A Approved By	Test Date	Retest Date
Evan Burns	Toni Rantanen	Chanell Chu	11/18/2022	11/16/2026

Evan Burns