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## CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2026

Re-test Date: Dec 2027

**Product Name: Fusidic Acid EP Impurity M**

### Identification:

Chemical Name: Ent-(17Z)-16 $\alpha$ -(acetyloxy)-3 $\beta$ -hydroxy-4 $\beta$ ,8,14-trimethyl-18-nor-5 $\beta$ ,10 $\alpha$ -cholesta-17(20),24-dien-21-oic acid (as per EP)

Synonyms : 11-Deoxyfusidic Acid (EP)

CAS Number : 1013937-16-0

CAT Number : CP-F45013

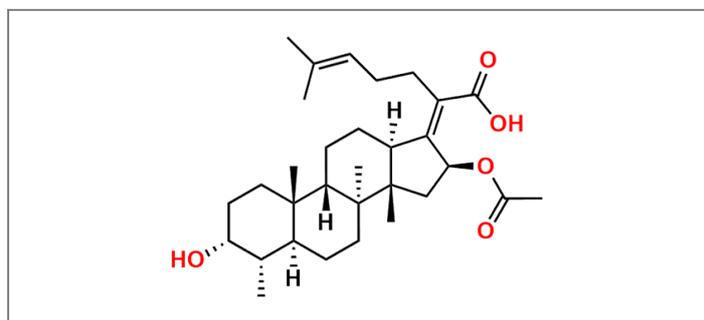
Molecular Formula : C<sub>31</sub>H<sub>48</sub>O<sub>5</sub>

Molecular Weight : 500.72

Batch Number : CP-FUS-M-0724

Storage Condition : Tightly closed, Inert atmosphere at -20° C

Shipping condition : At low temperature with dry ice and ice pack gel



### Analytical Information:

Sr. No.	Test	Result
1)	Description	White to Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.90%
5)	<sup>1</sup> H NMR	Confirm to structure
6)	<sup>13</sup> C NMR	Confirm to Structure
7)	IR	Confirm to Structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**

Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.