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## CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2024

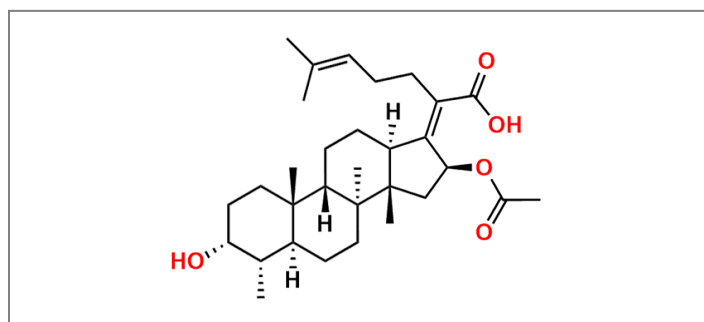
Re-test Date: Jun 2026

**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 (11-deoxyfusidic acid)

Synonyms : NA  
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 Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	100%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Manager QC Analytical)

Approved By

Ms Rohini Gagare  
(QA Head)

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