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## CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2026

Re-test Date: Dec 2028

**Product Name: Fusidic Acid BP Impurity O**

### Identification:

Chemical Name: Sodium ent-(17Z)-3 $\beta$ ,11 $\beta$ ,16 $\alpha$ -trihydroxy-4 $\beta$ ,8,14-trimethyl-18-nor-5 $\beta$ ,10 $\alpha$ -cholesta-17(20),24-dien-21-oate (as per EP)

Synonyms : Deacetylfusidic Acid (EP) ;  
Fusidic Acid Impurity N

CAS Number : 55601-53-1

CAT Number : CP-F45017

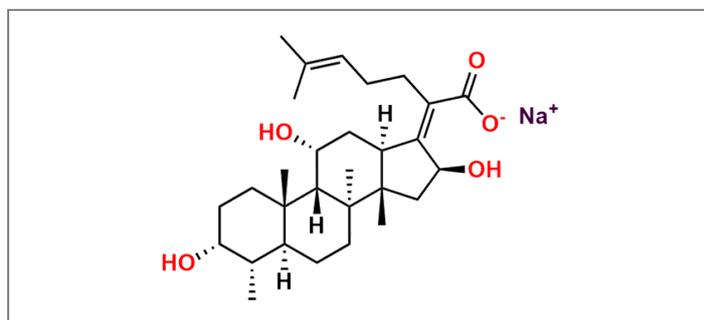
Molecular Formula : C<sub>29</sub>H<sub>45</sub>O<sub>5</sub> : Na

Molecular Weight : 473.67 : 23.0

Batch Number : CP-23-288

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.66%
5)	1HNMR	Confirm to structure
6)	13CNMR	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.