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CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2026

Re-test Date: Dec 2027

Product Name: Fusidic Acid EP Impurity D

Identification:

Chemical Name: Ent-(17Z)-3 β ,11 β -dihydroxy-17-[(6R)-6-(1-hydroxy-1-methylethyl)-2-oxodihydro-2H-pyran-3(4H)-ylidene]-4 β ,8,14-trimethyl-18-nor-5 β ,10 α -androstane-16 α -yl acetate (as per EP)

Synonyms : (24S)-24,25-dihydro-24,25-dihydroxyfusidic acid 21,24-lactone (EP)

CAS Number : 3054708-76-5

CAT Number : CP-F45004

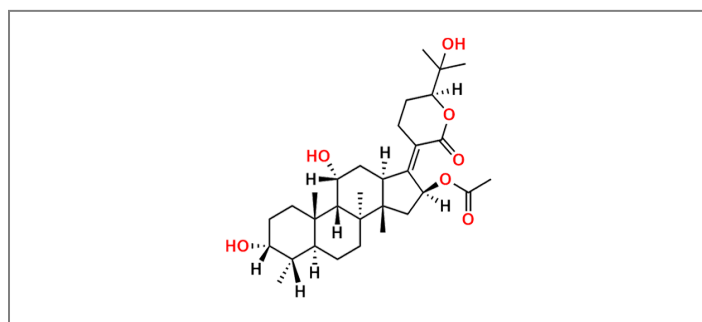
Molecular Formula : C₃₁H₄₈O₇

Molecular Weight : 532.72

Batch Number : CP-FUS-ACID-0126

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	97.64%
5)	¹ H NMR	Confirm to structure
6)	¹³ 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.