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## CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2024

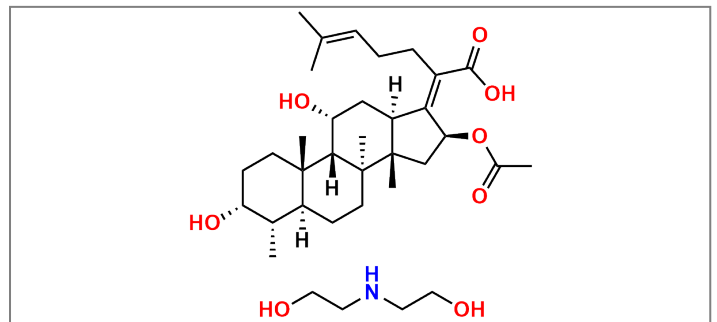
Re-test Date: Dec 2026

**Product Name: Diethanolamine Fusidate**

### Identification:

Chemical Name: 2,2'-Azanediylbis(ethan-1-ol) (Z)-2-((3R,4S,5S,8S,9S,10S,11R,13R,14S,16S)-16-acetoxy-3,11-dihydroxy-4,8,10,14-tetramethylhexadecahydro-17H-cyclopenta[a]phenanthren-17-ylidene)-6-methylhept-5-enoate

Synonyms : NA  
CAS Number : 16391-75-6  
CAT Number : CP-CS0458  
Molecular Formula : C<sub>31</sub>H<sub>48</sub>O<sub>6</sub> : C<sub>4</sub>H<sub>11</sub>NO<sub>2</sub>  
Molecular Weight : 516.7 : 105.1  
Batch Number : CP-DIE-FUS-0124  
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 to Pale Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	97.79%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	1.95%
8)	Potency by TGA	95.88%



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.