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## CERTIFICATE OF ANALYSIS

Analysis Date:

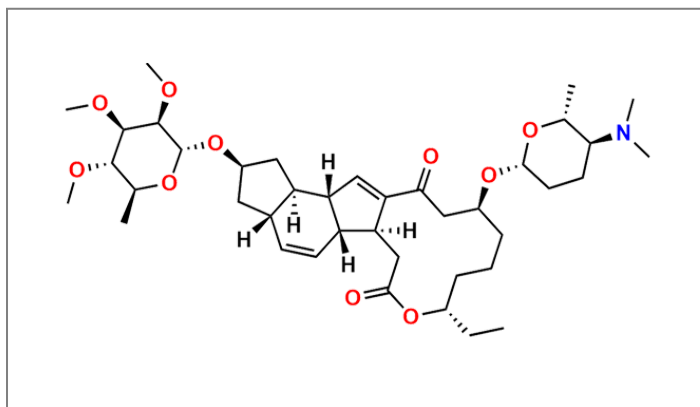
Re-test Date:

**Product Name: Spinosyn F**

**Identification:**

Chemical Name: (2R,3aS,5aR,5bS,9S,13S,16aS,16bR)-9-ethyl-13-(((2R,5S,6R)-6-methyl-5-(methylamino)tetrahydro-2H-pyran-2-yl)oxy)-2-(((2R,3R,4R,5S,6S)-3,4,5-trimethoxy-6-methyltetrahydro-2H-pyran-2-yl)oxy)-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a,16b-tetradecahydro-1H-as-indaceno[3,2-d][1]oxacyclododecine-7,15-dione

Synonyms : NA  
CAS Number : 131929-65-2  
CAT Number : CP-S112011  
Molecular Formula : C<sub>40</sub>H<sub>63</sub>NO<sub>10</sub>  
Molecular Weight : 717.94



**Analytical Information:**

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure

**Prepared and Reviewed By**

**Approved By**



Ms Priyanka Salunkhe  
(Manager QC Analytical)

Ms Rohini Gagare  
(QA Head)

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