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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Spectinomycin EP Impurity F**

### Identification:

Chemical Name: (2S,4S,6R)-4-hydroxy-6-methyl-2-[[[(1r,2R,3S,4r,5R,6S)-2,4,6-trihydroxy-3,5-bis(methylamino)cyclohexyl]oxy]dihydro-2H-pyran-3(4H)-one (as per EP)

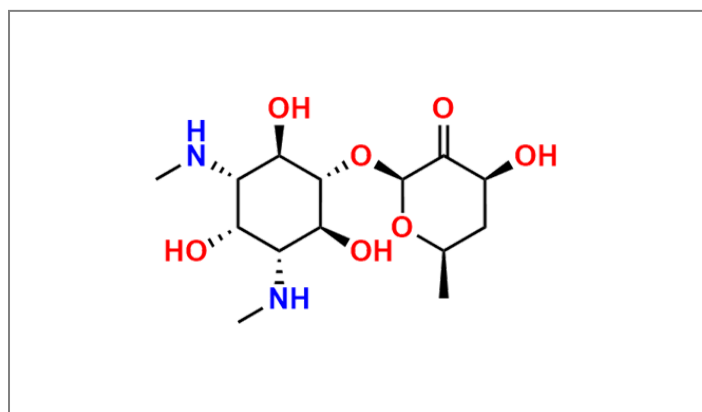
Synonyms : Triol Spectinomycin (EP)

CAS Number : 1323437-06-4

CAT Number : CP-S56006

Molecular Formula : C<sub>14</sub>H<sub>26</sub>N<sub>2</sub>O<sub>7</sub>

Molecular Weight : 334.37



### 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**

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.