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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Bleomycin A5**

**Identification:**

Chemical Name: (2S,3S,4S,5R,6R)-2-(((2R,3S,4S,5S,6S)-2-((1R,2S)-2-(6-Amino-2-((S)-3-amino-1-(((S)-2,3-diamino-3-oxopropyl)amino)-3-oxopropyl)-5-methylpyrimidine-4-carboxamido)-3-(((2R,3S,4S)-5-(((2S,3R)-1-((2-(4-((3-((4-aminobutyl)amino)propyl)carbamoyl)-[2,4'-bithiazol]-2'-yl)ethyl)amino)-3-hydroxy-1-oxobutan-2-yl)amino)-3-hydroxy-4-methyl-5-oxopentan-2-yl)amino)-1-(1H-imidazol-5-yl)-3-oxopropoxy)-4,5-dihydroxy-6-(hydroxymethyl)tetrahydro-2H-pyran-3-yl)oxy)-3,5-dihydroxy-6-(hydroxymethyl)tetrahydro-2H-pyran-4-yl carbamate hydrochloride

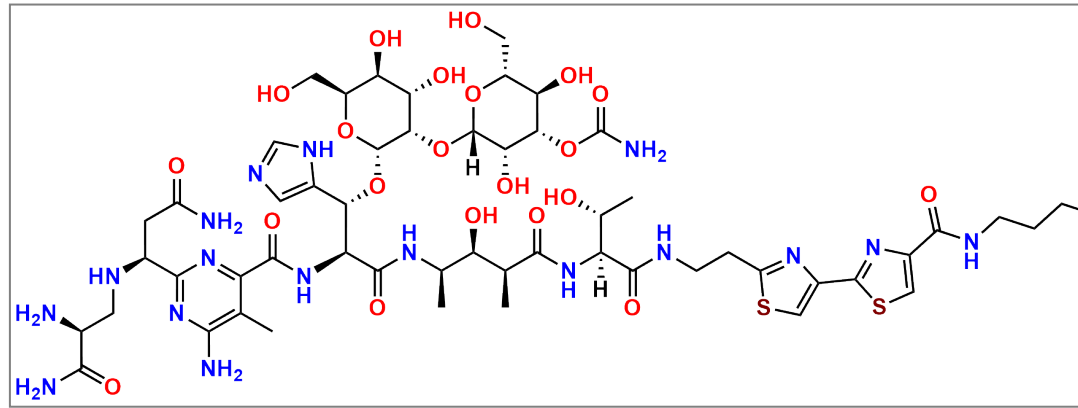
Synonyms : NA

CAS Number : 55658-47-4

CAT Number : CP-B126005

Molecular Formula : C<sub>57</sub>H<sub>89</sub>N<sub>19</sub>O<sub>21</sub>S<sub>2</sub> : HCl

Molecular Weight : 1440.6 : 36.46



**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.