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## CERTIFICATE OF ANALYSIS

Analysis Date:

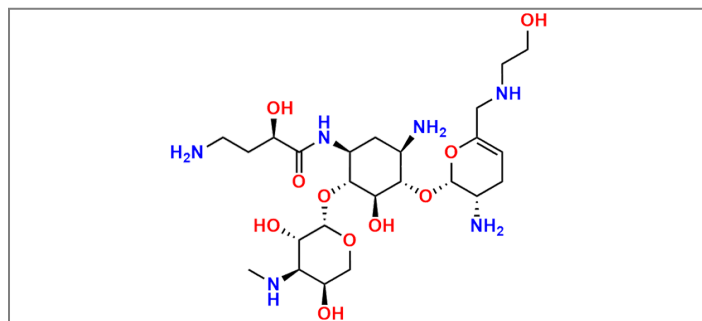
Re-test Date:

**Product Name: Plazomicin Impurity 3**

### Identification:

Chemical Name: (R)-4-Amino-N-((1S,2R,3R,4S,5R)-5-amino-4-(((2R,3S)-3-amino-6-(((2-hydroxyethyl)amino)methyl)-3,4-dihydro-2H-pyran-2-yl)oxy)-2-(((2S,3S,4R,5S)-3,5-dihydroxy-4-(methylamino)tetrahydro-2H-pyran-2-yl)oxy)-3-hydroxycyclohexyl)-2-hydroxybutanamide

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-P67006  
Molecular Formula : C<sub>24</sub>H<sub>46</sub>N<sub>6</sub>O<sub>10</sub>  
Molecular Weight : 578.7



### 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)      | <sup>1</sup> HNMR | 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.