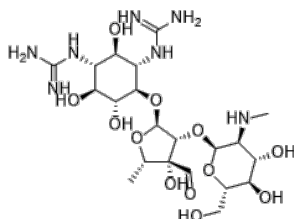


**Product Name** : Streptomycin  
**Cat. No.** : PC-24834  
**CAS No.** : 57-92-1  
**Batch No.** : PC-2483401  
**Chemical Name** : 1,1'-((1R,2R,3S,4R,5R,6S)-4-(((2R,3R,4R,5S)-3-(((2S,3S,4S,5R,6S)-4,5-Dihydroxy-6-(hydroxymethyl)-3-(methylamino)tetrahydro-2H-pyran-2-yl)oxy)-4-formyl-4-hydroxy-5-methyltetrahydrofuran-2-yl)oxy)-2,5,6-trihydroxycyclohexane-1,3-diyl)diguanidine

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 581.58  
**Molecular Formula** : C<sub>21</sub>H<sub>39</sub>N<sub>7</sub>O<sub>12</sub>  
**Storage** : Powder -20°C 12 Months  
 4°C 6 Months  
 In solvent -80°C 6 Months  
 -20°C 6 Months

**Chemical Structure** :



## ANALYTICAL DATA

**Appearance** : Solid powder  
**<sup>1</sup>H NMR Spectrum** : Consistent with  
**HPLC** : Consistent with  
**NP** : Consistent with  
**Purity (HPLC and/or LCMS)** : >98%  
**Conclusion** : The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

E-mail: tech@probechem.com