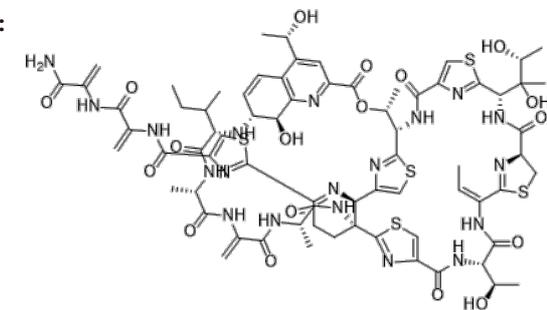


**Product Name** : Thiostrepton  
**Cat. No.** : PC-26220  
**CAS No.** : 1393-48-2  
**Batch No.** : PC-2622001  
**Chemical Name** : N-[(7R,8S)-2-Carboxy-7,8-dihydro-8-hydroxy-4-[(1S)-1-hydroxyethyl]-7-quinolinyl]-L-isoleucyl-L-alanyl-2,3-didehydroalanyl-L-alanyl-2-[(4aR,11S,14Z,18S,21S,28S,32aS)-4a-amino-21-[(1S,2R)-1,2-dihydroxy-1-methylpropyl]-14-ethylidene-3,4,4a,9,10,11,12,13,14,18,19,20,21,27,28,32a-hexadecahydro-11,28-bis[(1R)-1-hydroxyethyl]-9,12,19,26-tetraoxo-17H,26H-8,5:18,15:25,22:32,29-tetranitrilo-5H,15H-pyrido[3,2-m][1,11,17,24,4,7,20,27]tetrathiatetraazacyclotriacontin-2-yl]-4-thiazolecarbonyl-2,3-didehydroalanyl-2,3-didehydro-alaninamide,(1→528)-lactone

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 1664.89  
**Molecular Formula** :  $C_{72}H_{85}N_{19}O_{18}S_5$   
**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!**

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