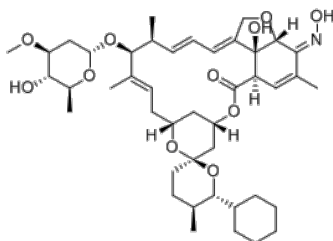


**Product Name** : Selamectin  
**Cat. No.** : PC-38059  
**CAS No.** : 220119-17-5  
**Batch No.** : PC-3805901  
**Chemical Name** : (1R,4S,5'S,6R,6'S,8R,10E,12S,13S,14E,16E,20R,21Z,24S)-6'-cyclohexyl-24-hydroxy-21-hydroxyimino-12-[(2R,4S,5S,6S)-5-hydroxy-4-methoxy-6-methyloxan-2-yl]oxy-5',11,13,22-tetramethylspiro[3,7,19-trioxatetracyclo[15.6.1.14,8.0.20,24]pentacos-10,14,16,22-tetraene-6,2'-oxane]-2-one

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 770  
**Molecular Formula** : C<sub>43</sub>H<sub>63</sub>NO<sub>11</sub>  
**Storage** : Powder -20°C 12 Months  
4°C 6 Months  
In solvent -80°C 6 Months  
-20°C 1 Month

**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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