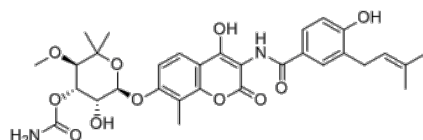


**Product Name** : Novobiocin  
**Cat. No.** : PC-49690  
**CAS No.** : 303-81-1  
**Batch No.** : PC-4969001  
**Chemical Name** : Benzamide, N-[7-[[3-O-(aminocarbonyl)-6-deoxy-5-C-methyl-4-O-methyl-alpha-L-lyxo-hexopyranosyl]oxy]-4-hydroxy-8-methyl-2-oxo-2H-1-benzopyran-3-yl]-4-hydroxy-3-(3-methyl-2-butenyl)-

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 612.63  
**Molecular Formula** : C<sub>31</sub>H<sub>36</sub>N<sub>2</sub>O<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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