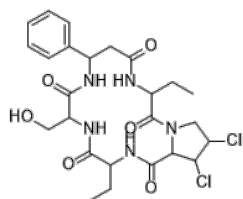


**Product Name** : Astin C  
**Cat. No.** : PC-23967  
**CAS No.** : 148057-23-2  
**Batch No.** : PC-2396701  
**Chemical Name** : 17,18-Dichloro-3,13-diethyl-10-(hydroxymethyl)-7-phenyl-1,4,8,11,14-pentazabicyclo[14.3.0]nonadecane-2,5,9,12,15-pentone

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 570.47  
**Molecular Formula** : C<sub>25</sub>H<sub>33</sub>Cl<sub>2</sub>N<sub>5</sub>O<sub>6</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!**

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