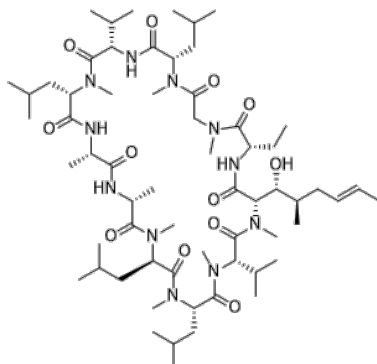


**Product Name** : Cyclosporin A  
**Cat. No.** : PC-22839  
**CAS No.** : 59865-13-3  
**Batch No.** : PC-2283901  
**Chemical Name** : (3S,6S,9R,12R,15S,18S,21S,24S,30S,33S)-30-Ethyl-33-((1R,2R,E)-1-hydroxy-2-methylhex-4-en-1-yl)-6,9,18,24-tetraisobutyl-3,21-diisopropyl-1,4,7,10,12,15,19,25,28-nonamethyl-1,4,7,10,13,16,19,22,25,28,31-undecaazacyclotriatriacontan-2,5,8,11,14,17,20,23,26,29,32-undecaone

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 1202.64  
**Molecular Formula** : C<sub>62</sub>H<sub>111</sub>N<sub>11</sub>O<sub>12</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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