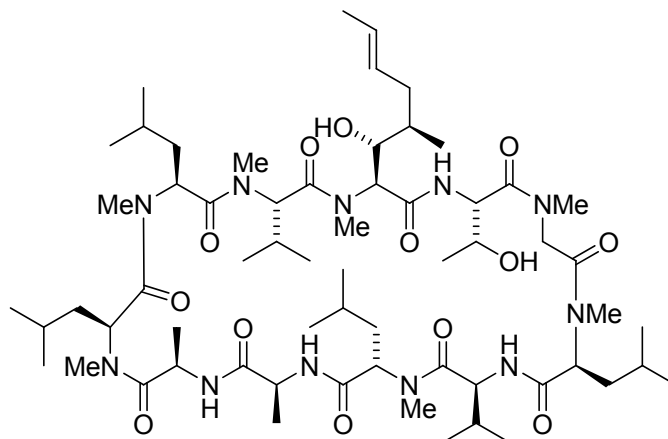


## Cyclosporin C

Code: **BIA-C1246**

Pack sizes: **1 mg, 5 mg**



Synonyms : **7-L-Threoninecyclosporin A, WF 3484, Antibiotic WF 3484**

## Specifications

CAS # : **59787-61-0**  
Molecular Formula : **C<sub>62</sub>H<sub>111</sub>N<sub>11</sub>O<sub>13</sub>**  
Molecular Weight : **1218.6**  
Source : ***Trichoderma sp.***  
Appearance : **White powder**  
Purity : **> 95% by HPLC**  
Storage : **-20°C**  
Solubility : **Soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.**

## Application Notes

Cyclosporin C is a minor analogue of the cyclosporin complex produced by a number of different fungal genera including *Trichoderma*, *Tolypocladium*, *Fusarium*, *Nectria* and *Acremonium*. Cyclosporin C possesses immunosuppressant activity but has been much less extensively investigated than the major analogue, cyclosporin A.

## References

1. Cyclosporin A and C - New metabolites from *Trichoderma polysporum* (Link ex Pers.) Rifai. Dreyfuss M. et al. Europ. J. Appl. Microbiol. 1976, 3, 125.
2. The structure of cyclosporin C. Traber R. et al. Helv. Chim. Acta 1977, 60, 1247.
3. Cyclosporin C is the main antifungal compound produced by *Acremonium luzulae*. Moussaif M. et al. Appl. Environ. Microbiol. 1997, 63, 1739.