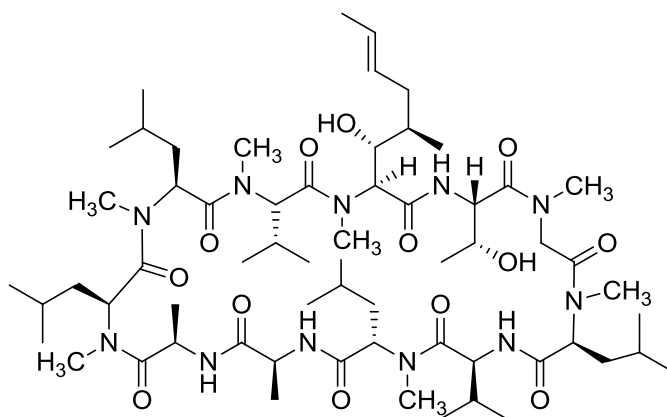


Cyclosporin C

Code No.: **BIA-C1246**

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



Synonyms : 7-L-Threoninecyclosporin A, WF 3484

Specifications

CAS #	: 59787-61-0
Molecular Formula	: C₆₂H₁₁₁N₁₁O₁₃
Molecular Weight	: 1218.6
Source	: <i>Trichoderma</i> sp.
Appearance	: White powder
Purity	: >95% by HPLC
Long Term 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 fungal species, including *Trichoderma*, *Tolyopcladium*, *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.