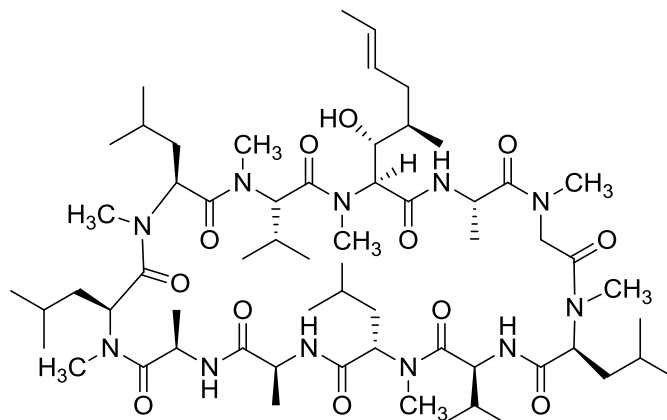


## Cyclosporin B

Code No.: **BIA-C1245**

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



Synonyms : 7-L-Alaninecyclosporine A

## Specifications

CAS #	: 63775-95-1
Molecular Formula	: $C_{61}H_{109}N_{11}O_{12}$
Molecular Weight	: 1188.6
Source	: <i>Trichoderma</i> sp.
Appearance	: White powder
Purity	: >97% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.

## Application Notes

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

## References

1. New cyclopeptides from *Trichoderma polysporum* (Link ex Pers.) Rifai: cyclosporins B, D and E. Traber R. et al. *Helv. Chim. Acta* 1977, 60, 1568.

Updated: 2 December 2014