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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Cyclosporin-A

CLPRO408
CLPRO408-2
CLPRO408-3

Description: Cyclosporin is a cyclic polypeptide immunosuppressant agent consisting of 11 amino acids and having a molecular weight of 1202.64. It is produced as a metabolite by the fungus species *Beauveria nlyea*. Chemically, cyclosporin is designated as [R-[R*,R*-(E)]]-cyclic(L-alanyl-D- alanyl-N-methyl-L-leucyl-N-methyl-L-leucyl-N-methyl-L-valyl-3-hydroxy-N, 4-dimethyl-L-2-amino-6-octenoyl-L- α -amino-butyryl- N-methylglycyl-N- methyl-L-leucyl-L-valyl-N-methyl-L-leucyl). Molecular Formula: C₆₂H₁₁₁N₁₁O₁₂.

Presentation: 1 g (CLPRO408), 4 g (CLPRO408-2), or 100 g (CLPRO408-3), sterile filtered white lyophilized (freeze-dried) powder. The Cyclosporin-A was lyophilized from a concentrated (1mg/ml) solution with no additives.

Solubility: It is recommended to reconstitute the lyophilized Cyclosporin A in sterile 18M Ω -cm H₂O not less than 100 μ g/ml, which can then be further diluted to other aqueous solutions.

Stability: Lyophilized Cyclosporin A although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Cyclosporin A should be stored at 4°C between 2-7 days and for future use below -18°C.

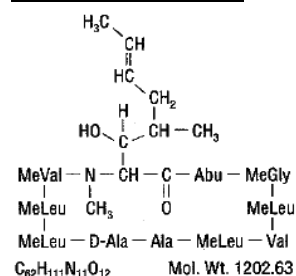
Please prevent freeze-thaw cycles.

Purity:

Greater than 98.0% as determined by:

- (a) Analysis by RP-HPLC,
- (b) Mass Spectral Analysis {MALDI-TOF exhibits correct Mw}.

Amino acid sequence:



Laboratory Reagent For Research Use Only