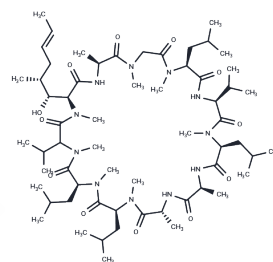


Cyclosporin B

Chemical Properties

CAS No. :	63775-95-1
Formula:	C ₆₁ H ₁₀₉ N ₁₁ O ₁₂
Molecular Weight:	1188.58
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Cyclosporin B is an immunosuppressant that has revolutionized organ transplantation through its use in the prevention of graft rejection. Cyclosporin B displays antiviral properties, inhibiting the entry of hepatitis B into hepatocytes. Cyclosporin B also inhibits RANKL-induced TRAP phosphatase activity, inducing apoptosis in osteoclasts. Cyclosporin B is a derivative of cyclosporin A that exhibits significantly less immunosuppressive activity.
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Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8413 mL	4.2067 mL	8.4134 mL
5 mM	0.1683 mL	0.8413 mL	1.6827 mL
10 mM	0.0841 mL	0.4207 mL	0.8413 mL
50 mM	0.0168 mL	0.0841 mL	0.1683 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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