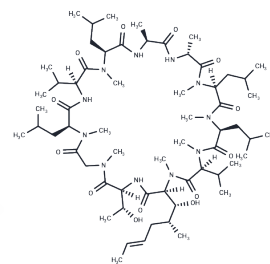


Cyclosporin C

Chemical Properties

CAS No. :	59787-61-0
Formula:	C ₆₂ H ₁₁₁ N ₁₁ O ₁₃
Molecular Weight:	1218.61
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Cyclosporin C (Cs-C) is a fungal metabolite against filamentous phytopathogenic fungi. Cyclosporin C has antifungal, antiviral, and immunosuppressant properties.
Targets(IC50)	Antiviral,Antibacterial,Antifungal

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	0.8206 mL	4.103 mL	8.2061 mL
5 mM	0.1641 mL	0.8206 mL	1.6412 mL
10 mM	0.0821 mL	0.4103 mL	0.8206 mL
50 mM	0.0164 mL	0.0821 mL	0.1641 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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Xu L, et al. Identification of cyclosporin C from *Amphichorda felina* using a *Cryptococcus neoformans* differential temperature sensitivity assay. *Appl Microbiol Biotechnol.* 2018 Mar;102(5):2337-2350.

Iijima K, et al. Japanese Study Group of Kidney Disease in Children. Cyclosporine C2 monitoring for the treatment of frequently relapsing nephrotic syndrome in children: a multicenter randomized phase II trial. *Clin J Am Soc Nephrol.* 2014 Feb;9(2):271-8.

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