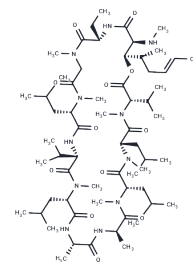


Isocyclosporin A

Chemical Properties

CAS No. :	59865-16-6
Formula:	C ₆₂ H ₁₁₁ N ₁₁ O ₁₂
Molecular Weight:	1202.61
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Isocyclosporin A is a rearranged degradation product. It is formed by acid treatment of cyclosporin A under aqueous and non-aqueous conditions.
Targets(IC50)	Others, Complement System, Drug Metabolite

Solubility Information

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

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8315 mL	4.1576 mL	8.3152 mL
5 mM	0.1663 mL	0.8315 mL	1.663 mL
10 mM	0.0832 mL	0.4158 mL	0.8315 mL
50 mM	0.0166 mL	0.0832 mL	0.1663 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

Sanglier JJ, Traber R, Buck RH, Hofmann H, Kobel H. Isolation of (4R)-4-[(E)-2-butenyl]-4-methyl-L-threonine, the characteristic structural element of cyclosporins, from a blocked mutant of *Tolypocladium inflatum*. *J Antibiot (Tokyo)*. 1990 Jun;43(6):707-14. PubMed PMID: 2116402.

Meier GP, Park SB, Yee GC, Gmur DJ. Isolation and identification of a novel human metabolite of cyclosporin A: dihydro-CsA M17. *Drug Metab Dispos*. 1990 Jan-Feb;18(1):68-71. PubMed PMID: 1970780.

Chappell LH, Wastling JM, Hurd H. Action of cyclosporin A on the tapeworms *Hymenolepis microstoma*, *H. diminuta* and *Mesocestoides corti* in vivo. *Parasitology*. 1989 Apr;98 Pt 2:291-9. PubMed PMID: 2762040.

Chappell LH, Thomson AW, Barker GC, Smith SW. Dosage, timing, and route of administration of cyclosporin A and nonimmunosuppressive derivatives of dihydrocyclosporin A and cyclosporin C against *Schistosoma mansoni* in vivo and in vitro. *Antimicrob Agents Chemother*. 1987 Oct;31(10):1567-71. PubMed PMID: 3435104; PubMed Central PMCID: PMC174991.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481