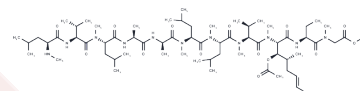


Cyclosporin A-Derivative 1 Free base

Chemical Properties

CAS No. :	286852-20-8
Formula:	C ₆₅ H ₁₁₇ N ₁₁ O ₁₄
Molecular Weight:	1276.69
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 A-Derivative 1 Free base is a crystalline intermediate derived from cyclosporin A. Cyclosporin A is an immunosuppressant that binds to cyclophilin and inhibits calcineurin (IC ₅₀ ≈ 0.05-0.1 μM).
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 80 mg/mL (62.66 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7833 mL	3.9164 mL	7.8328 mL
5 mM	0.1567 mL	0.7833 mL	1.5666 mL
10 mM	0.0783 mL	0.3916 mL	0.7833 mL
50 mM	0.0157 mL	0.0783 mL	0.1567 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

Fabrice Gallou, et al. Process for the manufacture of cyclic undecapeptides. WO 2013167703 A1.

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