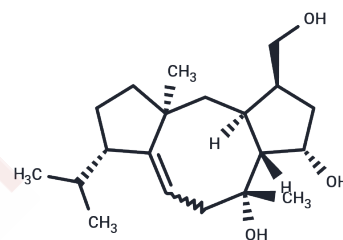


Cyclooctatin

Chemical Properties

CAS No. :	139552-97-9
Formula:	C ₂₀ H ₃₄ O ₃
Molecular Weight:	322.482
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	Cyclooctatin suppresses the activity of lysophospholipase [EC 3.1.1.5] (Lyso-PL). Using Terpentecin as a substrate, it inhibits Lyso-PL, PL-A2, PL-C, and PL-D, with IC ₅₀ values of 2.9 µg/mL, 65.0 µg/mL, 70.0 µg/mL, and >100 µg/mL, respectively.
Targets(IC ₅₀)	Phosphatase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.101 mL	15.5048 mL	31.0097 mL
5 mM	0.6202 mL	3.101 mL	6.2019 mL
10 mM	0.3101 mL	1.5505 mL	3.101 mL
50 mM	0.062 mL	0.3101 mL	0.6202 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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