

## Scyptolin B

## Chemical Properties

CAS No. :	403479-63-0
Formula:	C <sub>52</sub> H <sub>80</sub> ClN <sub>9</sub> O <sub>16</sub>
Molecular Weight:	1122.71
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	Scyptolin B is a cyclic depsipeptide and a secondary metabolite. It can be isolated from the axenic culture of <i>Scytonema hofmanni</i> PCC 7110. Scyptolin B selectively inhibits porcine pancreatic elastase (Elastase) with an IC <sub>50</sub> of 3.1 µg/mL.
Targets(IC <sub>50</sub> )	Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8907 mL	4.4535 mL	8.907 mL
5 mM	0.1781 mL	0.8907 mL	1.7814 mL
10 mM	0.0891 mL	0.4454 mL	0.8907 mL
50 mM	0.0178 mL	0.0891 mL	0.1781 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.

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