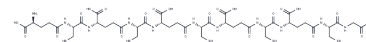


## Phytochelatin 5

## Chemical Properties

CAS No. :	99465-97-1
Formula:	C <sub>42</sub> H <sub>65</sub> N <sub>11</sub> O <sub>22</sub> S <sub>5</sub>
Molecular Weight:	1236.35
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	Phytochelatin 5, a metal-binding compound synthesized by plants, can potentially diminish the bioavailability of dietary toxic metals, including cadmium [1].
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8088 mL	4.0442 mL	8.0883 mL
5 mM	0.1618 mL	0.8088 mL	1.6177 mL
10 mM	0.0809 mL	0.4044 mL	0.8088 mL
50 mM	0.0162 mL	0.0809 mL	0.1618 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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