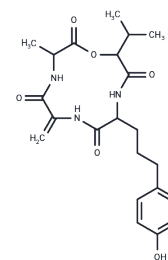


## AM Toxin III

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 57765-94-3  |
| Formula:          | C <sub>22</sub> H <sub>29</sub> N <sub>3</sub> O <sub>6</sub>   |
| Molecular Weight: | 431.48  |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |



## Biological Description

|               |                                       |
|---------------|---------------------------------------|
| Description   | AM Toxin III is a phytotoxic peptide. |
| Targets(IC50) | Others                                |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 2.3176 mL | 11.588 mL | 23.176 mL |
| 5 mM  | 0.4635 mL | 2.3176 mL | 4.6352 mL |
| 10 mM | 0.2318 mL | 1.1588 mL | 2.3176 mL |
| 50 mM | 0.0464 mL | 0.2318 mL | 0.4635 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

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- Johnson RD, Johnson L, Itoh Y, Kodama M, Otani H, Kohmoto K. Cloning and characterization of a cyclic peptide synthetase gene from *Alternaria alternata* apple pathotype whose product is involved in AM-toxin synthesis and pathogenicity. *Mol Plant Microbe Interact.* 2000 Jul;13(7):742-53. PubMed PMID: 10875335.
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