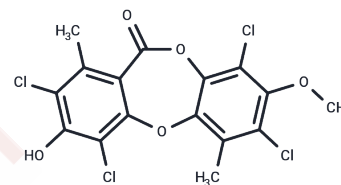


## Diploicin

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 527-93-5  |
| Formula:          | C <sub>16</sub> H <sub>10</sub> Cl <sub>4</sub> O <sub>5</sub>  |
| Molecular Weight: | 424.06  |
| 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   | Diploicin is a dibenzofuran lactone compound with activity against Gram-positive bacteria, found in lichens (lichens). |
| Targets(IC50) | Antibacterial  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.3582 mL | 11.7908 mL | 23.5816 mL |
| 5 mM  | 0.4716 mL | 2.3582 mL  | 4.7163 mL  |
| 10 mM | 0.2358 mL | 1.1791 mL  | 2.3582 mL  |
| 50 mM | 0.0472 mL | 0.2358 mL  | 0.4716 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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