

## Dermadin

## Chemical Properties

|                   |  |
|-------------------|--|
| CAS No. :         | 12698-52-1   |
| Formula:          | C <sub>9</sub> H <sub>9</sub> NO <sub>3</sub>  |
| Molecular Weight: | 179.175  |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br><small>Actual storage temperature shall be subject to the COA.</small> |

## Biological Description

|               |  |
|---------------|--|
| Description   | Dermadin is an antibacterial and can be used in paper mill systems to inhibit the growth of Aerobacter aerogenes which is known to produce slime in such system. |
| Targets(IC50) | Others,Antibacterial,Antibiotic  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 5.581 mL  | 27.9049 mL | 55.8098 mL |
| 5 mM  | 1.1162 mL | 5.581 mL   | 11.162 mL  |
| 10 mM | 0.5581 mL | 2.7905 mL  | 5.581 mL   |
| 50 mM | 0.1116 mL | 0.5581 mL  | 1.1162 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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