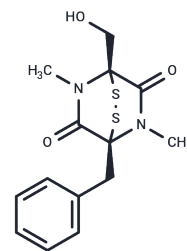


## Hyalodendrin

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 51920-94-6  |
| Formula:          | C <sub>14</sub> H <sub>16</sub> N <sub>2</sub> O <sub>3</sub> S <sub>2</sub>  |
| Molecular Weight: | 324.42  |
| 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   | Hyalodendrin ((+)-Hyalodendrin) acts as a fungal growth inhibitor, specifically targeting wood decay fungi. It exhibits low phytotoxicity and possesses an acute toxicity (LD50) level of 75 mg/kg in mice. |
| Targets(IC50) | Antifungal  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 3.0824 mL | 15.4121 mL | 30.8242 mL |
| 5 mM  | 0.6165 mL | 3.0824 mL  | 6.1648 mL  |
| 10 mM | 0.3082 mL | 1.5412 mL  | 3.0824 mL  |
| 50 mM | 0.0616 mL | 0.3082 mL  | 0.6165 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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