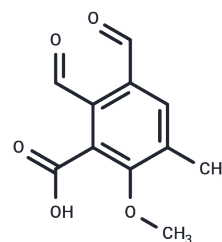


## Gladiolic acid

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 478-05-7  |
| Formula:          | C <sub>11</sub> H <sub>10</sub> O <sub>5</sub>  |
| Molecular Weight: | 222.194   |
| 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   | Gladiolic acid exhibits antifungal activity against Ploughman's spore, garlic spore, Trichophyton mentagrophytes, Microsporum canis, and the malaria parasite. |
| Targets(IC50) | Antifungal   |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 4.5007 mL | 22.5033 mL | 45.0065 mL |
| 5 mM  | 0.9001 mL | 4.5007 mL  | 9.0013 mL  |
| 10 mM | 0.4501 mL | 2.2503 mL  | 4.5007 mL  |
| 50 mM | 0.090 mL  | 0.4501 mL  | 0.9001 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

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