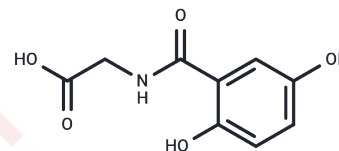


## Gentisuric acid

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 25351-24-0  |
| Formula:          | C <sub>9</sub> H <sub>9</sub> NO <sub>5</sub>   |
| Molecular Weight: | 211.17  |
| 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   | Gentisuric acid, an Aspirin metabolite and a substrate of $\alpha$ -amidating monooxygenase (PAM), mitigates DNA damage induced by Mitomycin C. [1] [2] |
| Targets(IC50) | Drug Metabolite   |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 4.7355 mL | 23.6776 mL | 47.3552 mL |
| 5 mM  | 0.9471 mL | 4.7355 mL  | 9.471 mL   |
| 10 mM | 0.4736 mL | 2.3678 mL  | 4.7355 mL  |
| 50 mM | 0.0947 mL | 0.4736 mL  | 0.9471 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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