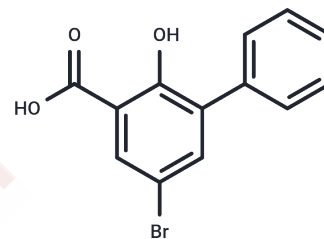


## 5-bromo-3-phenyl Salicylic Acid

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 99514-99-5  |
| Formula:          | C <sub>13</sub> H <sub>9</sub> BrO <sub>3</sub>   |
| Molecular Weight: | 293.11  |
| 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   | AKR1C1 inhibitor |
| Targets(IC50) | Others,Reductase |

## Solubility Information

|            |   |
|------------|---|
| Solubility | Ethanol: ≤3 mg/mL,Sonication is recommended.<br>DMSO: 20 mg/mL (68.23 mM),Sonication is recommended.<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 3.4117 mL | 17.0584 mL | 34.1169 mL |
| 5 mM  | 0.6823 mL | 3.4117 mL  | 6.8234 mL  |
| 10 mM | 0.3412 mL | 1.7058 mL  | 3.4117 mL  |
| 50 mM | 0.0682 mL | 0.3412 mL  | 0.6823 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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