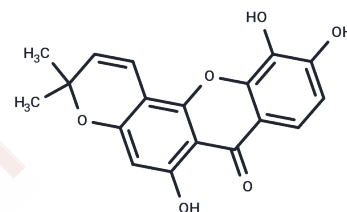


## Isojacareubin

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 50597-93-8  |
| Formula:          | C <sub>18</sub> H <sub>14</sub> O <sub>6</sub>  |
| Molecular Weight: | 326.304   |
| 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   | Isojacareubin displays potent activity against H. pylori HP40 clinical isolate with MIC 23.9 $\mu$ M, which is approximately two times greater than that of the standard drug amoxicillin. Isojacareubin is a potent inhibitor of protein kinase C (PKC), suppresses hepatocellular carcinoma metastasis and induces apoptosis in vitro and in vivo, thus, it as a promising lead compound for the development of new antihepatoma agents. |
| Targets(IC50) | Apoptosis,MAPK,Antibacterial,Antifection,PKC,SARS-CoV  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 3.0647 mL | 15.3233 mL | 30.6466 mL |
| 5 mM  | 0.6129 mL | 3.0647 mL  | 6.1293 mL  |
| 10 mM | 0.3065 mL | 1.5323 mL  | 3.0647 mL  |
| 50 mM | 0.0613 mL | 0.3065 mL  | 0.6129 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

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481