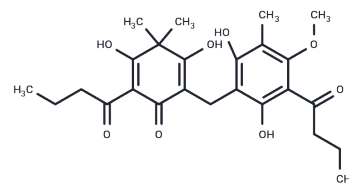


## Aspidin BB

### Chemical Properties

|                   |                                                          |
|-------------------|----------------------------------------------------------|
| CAS No. :         | 584-28-1                                                 |
| Formula:          | C <sub>25</sub> H <sub>32</sub> O <sub>8</sub>           |
| Molecular Weight: | 460.52                                                   |
| Appearance:       | no data available                                        |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year |



### Biological Description

|             |                                                                                                                                                                                                                          |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | Aspidin BB, a phloroglucinol derivative isolated from the aerial part of <i>Dryopteris championii</i> , exhibits anticancer activity. It induces cell cycle arrest and apoptosis in human ovarian HO-8910 cells [1] [2]. |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.1715 mL | 10.8573 mL | 21.7146 mL |
| 5 mM  | 0.4343 mL | 2.1715 mL  | 4.3429 mL  |
| 10 mM | 0.2171 mL | 1.0857 mL  | 2.1715 mL  |
| 50 mM | 0.0434 mL | 0.2171 mL  | 0.4343 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.

**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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