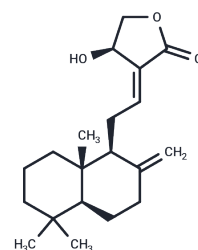


## Isocoronarin D

### Chemical Properties

|                   |                                                          |
|-------------------|----------------------------------------------------------|
| CAS No. :         | 138965-88-5                                              |
| Formula:          | C <sub>20</sub> H <sub>30</sub> O <sub>3</sub>           |
| Molecular Weight: | 318.45                                                   |
| Appearance:       | no data available                                        |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year |



### Biological Description

|                            |                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description                | Isocoronarin D is a main active ingredient for inducing death of the tested cancer cells, it possesses a wide anti-cancer capability. Isocoronarin D may have potential chemopreventive activity, it can activate antioxidant response element (ARE) (EC <sub>50</sub> 57.6 ± 2.4 μM). It also shows the highest Hb F induction effect of 1.6-fold at 20 microM. |
| Targets(IC <sub>50</sub> ) | Others                                                                                                                                                                                                                                                                                                                                                           |

### Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 3.1402 mL | 15.7011 mL | 31.4021 mL |
| 5 mM  | 0.628 mL  | 3.1402 mL  | 6.2804 mL  |
| 10 mM | 0.314 mL  | 1.5701 mL  | 3.1402 mL  |
| 50 mM | 0.0628 mL | 0.314 mL   | 0.628 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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