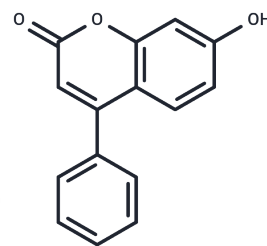


7-Hydroxy-4-phenylcoumarin

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 2555-30-8 |
| Formula: | C ₁₅ H ₁₀ O ₃ |
| Molecular Weight: | 238.238 |
| Storage: | Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA. |



Biological Description

| | |
|----------------------------|--|
| Description | 7-Hydroxy-4-phenylcoumarin is a dual inhibitor of ALDH-2 and MAO, with IC ₅₀ values of 1.5 μM and 0.5 μM, respectively. |
| Targets(IC ₅₀) | Dehydrogenase, Monoamine Oxidase |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 4.1974 mL | 20.9872 mL | 41.9745 mL |
| 5 mM | 0.8395 mL | 4.1974 mL | 8.3949 mL |
| 10 mM | 0.4197 mL | 2.0987 mL | 4.1974 mL |
| 50 mM | 0.0839 mL | 0.4197 mL | 0.8395 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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