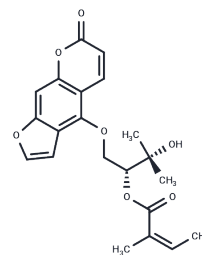


Ostruthol

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 642-08-0 |
| Formula: | C ₂₁ H ₂₂ O ₇ |
| Molecular Weight: | 386.40 |
| 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 | Ostruthol is a coumarin compound and a potent inhibitor of acetylcholinesterase (AChE). It is utilized in research related to Alzheimer's disease. |
| Targets(IC50) | Cholinesterase (ChE) |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 2.588 mL | 12.940 mL | 25.8799 mL |
| 5 mM | 0.5176 mL | 2.588 mL | 5.176 mL |
| 10 mM | 0.2588 mL | 1.294 mL | 2.588 mL |
| 50 mM | 0.0518 mL | 0.2588 mL | 0.5176 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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