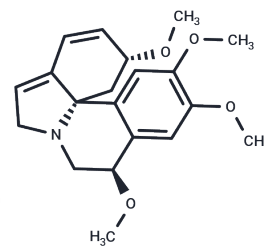


Erythristemine

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 28619-41-2 |
| Formula: | C ₂₀ H ₂₅ N ₁ O ₄ |
| Molecular Weight: | 343.42 |
| 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 | (+)-Erythristemine shows moderate toxicity to brine shrimp (LC ₅₀ 23 ppm) and moderate (IC ₅₀ =86microg/ml) radical scavenging properties against stable 2,2-diphenyl-1-picrylhy--drazyl (DPPH) radical. |
| Targets(IC ₅₀) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.9119 mL | 14.5594 mL | 29.1189 mL |
| 5 mM | 0.5824 mL | 2.9119 mL | 5.8238 mL |
| 10 mM | 0.2912 mL | 1.4559 mL | 2.9119 mL |
| 50 mM | 0.0582 mL | 0.2912 mL | 0.5824 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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