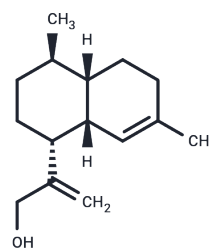


Arteannuic alcohol

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 125184-95-4 |
| Formula: | C ₁₅ H ₂₄ O |
| Molecular Weight: | 220.35 |
| 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 | Arteannuic alcohol (Amorpha-4,11-diene-12-ol) is a precursor in the biosynthesis pathway of artemisinin. Ethanol dehydrogenase can catalyze the dehydrogenation of chlorogenic alcohol to form artemisinin aldehyde. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 4.5382 mL | 22.6912 mL | 45.3823 mL |
| 5 mM | 0.9076 mL | 4.5382 mL | 9.0765 mL |
| 10 mM | 0.4538 mL | 2.2691 mL | 4.5382 mL |
| 50 mM | 0.0908 mL | 0.4538 mL | 0.9076 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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