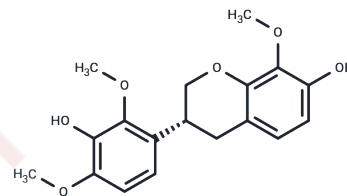


Duartin

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 101311-04-0 |
| Formula: | C ₁₈ H ₂₀ O ₆ |
| Molecular Weight: | 332.35 |
| 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 | Duartin is an anti-rickettsial compound. These small molecules and the workflow, featuring a high-throughput phenotypic screen for growth inhibitors of intracellular Rickettsia spp. and machine learning models for the prediction of growth inhibition of an obligate intracellular Gram-negative bacterium, should prove useful in the search for new therapeutic strategies to treat infections from Rickettsia spp. and other obligate intracellular bacteria. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.0089 mL | 15.0444 mL | 30.0888 mL |
| 5 mM | 0.6018 mL | 3.0089 mL | 6.0178 mL |
| 10 mM | 0.3009 mL | 1.5044 mL | 3.0089 mL |
| 50 mM | 0.0602 mL | 0.3009 mL | 0.6018 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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