

Diaporthin

Chemical Properties

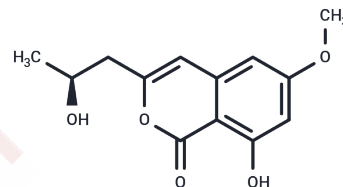
CAS No. : 10532-39-5

Formula: C₁₃H₁₄O₅

Molecular Weight: 250.247

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 | Diaporthin is a phytotoxin that can be isolated from <i>Cryphonectria parasitica</i> . It exhibits antibacterial activity. |
| Targets(IC50) | Antibacterial, Antibiotic |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 3.996 mL | 19.980 mL | 39.960 mL |
| 5 mM | 0.7992 mL | 3.996 mL | 7.992 mL |
| 10 mM | 0.3996 mL | 1.998 mL | 3.996 mL |
| 50 mM | 0.0799 mL | 0.3996 mL | 0.7992 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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