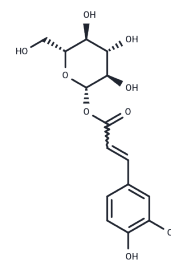


1-O-Caffeoyl- β -D-glucopyranose

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 14364-08-0 |
| Formula: | C ₁₅ H ₁₈ O ₉ |
| Molecular Weight: | 342.3 |
| 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 | 1-O-Caffeoyl- β -D-glucopyranose, a phenylpropanoid derived from <i>Illicium majus</i> , demonstrates notable antioxidant properties, effectively scavenging DPPH radicals in vitro with an IC ₅₀ value of 37.7 μ M. |
| Targets(IC ₅₀) | ROS |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.9214 mL | 14.6071 mL | 29.2141 mL |
| 5 mM | 0.5843 mL | 2.9214 mL | 5.8428 mL |
| 10 mM | 0.2921 mL | 1.4607 mL | 2.9214 mL |
| 50 mM | 0.0584 mL | 0.2921 mL | 0.5843 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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