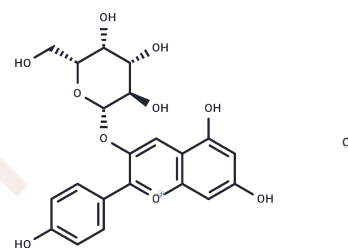


Pelargonidin 3-galactoside chloride

Chemical Properties

CAS No. : 34425-22-4
 Formula: C₂₁H₂₁ClO₁₀
 Molecular Weight: 468.84
 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 | Pelargonidin 3-galactoside chloride, a predominant anthocyanin, exhibits anticancer properties and inhibits α -glucosidase [1]. |
| In vitro | Pelargonidin 3-galactoside chloride exhibits antiproliferative effects on HT29 human colon cancer cells [1]. |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.1329 mL | 10.6646 mL | 21.3292 mL |
| 5 mM | 0.4266 mL | 2.1329 mL | 4.2658 mL |
| 10 mM | 0.2133 mL | 1.0665 mL | 2.1329 mL |
| 50 mM | 0.0427 mL | 0.2133 mL | 0.4266 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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