

Ethyl chlorogenate

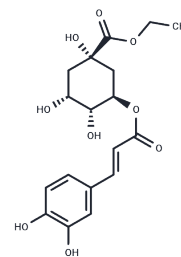
Chemical Properties

CAS No. : 425408-42-0

Formula: C₁₈H₂₂O₉

Molecular Weight: 382.37

Storage: Keep away from direct sunlight, Store at low temperature, Store under nitrogen
 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 | Ethyl chlorogenate is a phenylpropanoid natural product with inhibitory activity against rat aldose reductase (IC ₅₀ = 1.5 μM). |
| Targets(IC50) | Reductase |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.6153 mL | 13.0763 mL | 26.1527 mL |
| 5 mM | 0.5231 mL | 2.6153 mL | 5.2305 mL |
| 10 mM | 0.2615 mL | 1.3076 mL | 2.6153 mL |
| 50 mM | 0.0523 mL | 0.2615 mL | 0.5231 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

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481