

Purpureaside C

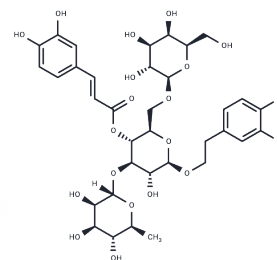
Chemical Properties

CAS No. : 108648-07-3

Formula: C35H46O20

Molecular Weight: 786.73

Storage: Keep away from moisture, Keep away from direct sunlight
 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 | Purpureaside C is a phenolic glycoside with significant proinflammatory, immunomodulating and antimicrobial effects. |
| Targets(IC50) | Others, Endogenous Metabolite |

Solubility Information

| | |
|---------------------|---|
| Solubility | DMSO: 120 mg/mL (152.53 mM), Sonication and heating are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
| In vivo Formulation | 10% DMSO+40% PEG300+5% Tween 80+45% Saline: 4 mg/mL (5.08 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i> |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.2711 mL | 6.3554 mL | 12.7108 mL |
| 5 mM | 0.2542 mL | 1.2711 mL | 2.5422 mL |
| 10 mM | 0.1271 mL | 0.6355 mL | 1.2711 mL |
| 50 mM | 0.0254 mL | 0.1271 mL | 0.2542 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.

Reference

Molnar J, et al. Antimicrobial and immunomodulating effects of some phenolic glycosides. Acta Microbiol Hung. 1989;36(4):425-32.

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