

β -Damascone

Chemical Properties

CAS No. : 23726-91-2

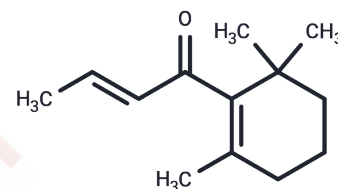
Formula: C₁₃H₂₀O

Molecular Weight: 192.3

Storage: Keep away from direct sunlight, Keep away from moisture

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 | β -Damascone are a series of closely related chemical compounds that are components of a variety of essential oils. The damascenes belong to a family of chemicals known as rose ketones, which also includes damascenones and ionones. beta-Damascone is a contributor to the aroma of roses, despite its relatively low concentration, and is an important fragrance chemical used in perfumery. |
| Targets(IC50) | Others |

Solubility Information

| | |
|---------------------|---|
| Solubility | DMSO: 55 mg/mL (286.01 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
| In vivo Formulation | 10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (10.4 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 | 5.2002 mL | 26.001 mL | 52.0021 mL |
| 5 mM | 1.040 mL | 5.2002 mL | 10.4004 mL |
| 10 mM | 0.520 mL | 2.6001 mL | 5.2002 mL |
| 50 mM | 0.104 mL | 0.520 mL | 1.040 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