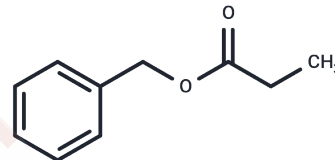


Benzyl propionate

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 122-63-4 |
| Formula: | C10H12O2 |
| Molecular Weight: | 164.2 |
| 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 | Benzyl propionate exhibits broad-spectrum antifungal activity against pathogens such as Phyllosticta zingiberi, Fusarium solani, and Magnaporthe oryzae, and is a key inhibitory compound produced by the strain ETR-B22 against various fungal pathogens. |
| Targets(IC50) | Antifungal |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 6.0901 mL | 30.4507 mL | 60.9013 mL |
| 5 mM | 1.218 mL | 6.0901 mL | 12.1803 mL |
| 10 mM | 0.609 mL | 3.0451 mL | 6.0901 mL |
| 50 mM | 0.1218 mL | 0.609 mL | 1.218 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

McGinty D, et al. Fragrance material review on benzyl propionate. Food Chem Toxicol. 2012 Sep;50 Suppl 2:S486-90.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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