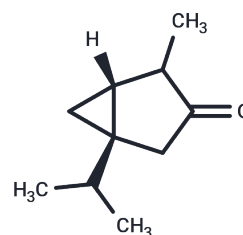


$\alpha,\beta$ -Thujone

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 76231-76-0  |
| Formula:          | C <sub>10</sub> H <sub>16</sub> O   |
| Molecular Weight: | 152.23  |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |



## Biological Description

|               |  |
|---------------|--|
| Description   | Alpha,beta-Thujone, a constituent of various plant essential oils, has been linked to cancer development in male rats and can provoke seizures at maximal dosages [1]. |
| Targets(IC50) | GABA Receptor  |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 6.569 mL  | 32.845 mL | 65.6901 mL |
| 5 mM  | 1.3138 mL | 6.569 mL  | 13.138 mL  |
| 10 mM | 0.6569 mL | 3.2845 mL | 6.569 mL   |
| 50 mM | 0.1314 mL | 0.6569 mL | 1.3138 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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