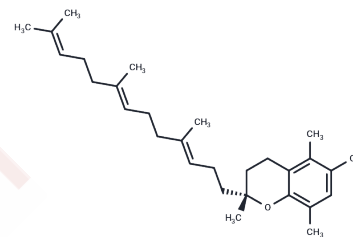


β -Tocotrienol

Chemical Properties

| | |
|-------------------|---------------------------------------------------------------------------------------------------------------------|
| CAS No. : | 490-23-3 |
| Formula: | C ₂₈ H ₄₂ O ₂ |
| Molecular Weight: | 410.63 |
| 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 | Beta-Tocotrienol to serve as a new anticancer agent for treating human lung and brain cancers. It inhibits the growth of both A549 (GI ₅₀ =1.38±0.334μM) and U87MG (GI ₅₀ =2.53±0.604μM) cells at rather low concentrations. |
| Targets(IC ₅₀) | Apoptosis,Others,Caspase,Leukotriene Receptor |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.4353 mL | 12.1764 mL | 24.3528 mL |
| 5 mM | 0.4871 mL | 2.4353 mL | 4.8706 mL |
| 10 mM | 0.2435 mL | 1.2176 mL | 2.4353 mL |
| 50 mM | 0.0487 mL | 0.2435 mL | 0.4871 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