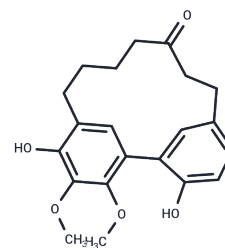


Myricanone

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 32492-74-3 |
| Formula: | C ₂₁ H ₂₄ O ₅ |
| Molecular Weight: | 356.41 |
| 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 | Myricanone has antioxidant, and anticancer activities, it has apoptosis-promoting ability by triggering caspase activation, and suppression of cell proliferation by down-regulation of NF- κ B and STAT3 signalling cascades. Myricanone shows in vitro testosterone 5 α -reductase inhibitory activity and in vivo anti-androgenic activity using growth of flank organ in castrated Syrian hamsters and/or hair regrowth after shaving in testosterone-treated C57Black/6CrSlc mice. |
| Targets(IC50) | Bcl-2 Family,HSP,NF- κ B,Caspase,Endogenous Metabolite,STAT,ROS |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.8058 mL | 14.0288 mL | 28.0576 mL |
| 5 mM | 0.5612 mL | 2.8058 mL | 5.6115 mL |
| 10 mM | 0.2806 mL | 1.4029 mL | 2.8058 mL |
| 50 mM | 0.0561 mL | 0.2806 mL | 0.5612 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