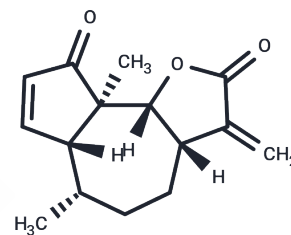


## Ambrosin

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 509-93-3  |
| Formula:          | C <sub>15</sub> H <sub>18</sub> O <sub>3</sub>  |
| Molecular Weight: | 246.3   |
| 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   | Ambrosin is a sesquiterpene lactone and a potent NF- $\kappa$ B inhibitor. It is currently being studied as a potential lead drug for Alzheimer disease therapeutics. |
| Targets(IC50) | Others  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 4.0601 mL | 20.3004 mL | 40.6009 mL |
| 5 mM  | 0.812 mL  | 4.0601 mL  | 8.1202 mL  |
| 10 mM | 0.406 mL  | 2.030 mL   | 4.0601 mL  |
| 50 mM | 0.0812 mL | 0.406 mL   | 0.812 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