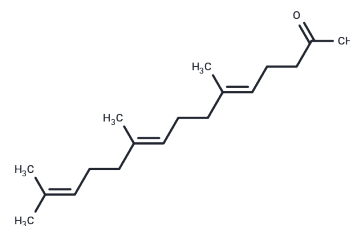


## Farnesylacetone

### Chemical Properties

CAS No. : 1117-52-8  
Formula: C<sub>18</sub>H<sub>30</sub>O  
Molecular Weight: 262.43  
Appearance: no data available  
Storage: keep away from direct sunlight  
Powder: -20°C for 3 years | In solvent: -80°C for 1 year



### Biological Description

|               |                                                                                                                                               |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Description   | Farnesylacetone ((5E,9E)-6,10,14-Trimethylpentadeca-5,9,13-trien-2-one) is a marine derived natural products found in Sargassum micracanthum. |
| Targets(IC50) | Others                                                                                                                                        |

### Solubility Information

|            |                                                                                                  |
|------------|--------------------------------------------------------------------------------------------------|
| Solubility | DMSO: 55 mg/mL (209.58 mM)<br>( $< 1$ mg/ml refers to the product slightly soluble or insoluble) |
|------------|--------------------------------------------------------------------------------------------------|

#### Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 3.8105 mL | 19.0527 mL | 38.1054 mL |
| 5 mM  | 0.7621 mL | 3.8105 mL  | 7.6211 mL  |
| 10 mM | 0.3811 mL | 1.9053 mL  | 3.8105 mL  |
| 50 mM | 0.0762 mL | 0.3811 mL  | 0.7621 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.

#### Reference

Casiglia S, Bruno M, Senatore F, Rosselli S. Chemical composition of essential oils of *Anthemis secundiramea* Biv. subsp. *secundiramea* (Asteraceae) collected wild in Sicily and their activity on micro-organisms affecting historical

**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:36 Washington Street,Wellesley Hills,MA 02481