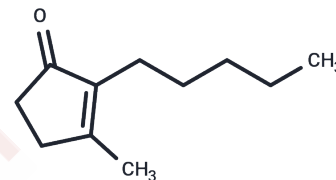


## Dihydrojasmonone

## Chemical Properties

CAS No. :	1128-08-1
Formula:	C <sub>11</sub> H <sub>18</sub> O
Molecular Weight:	166.26
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	Dihydrojasmonone is a natural product from bergamot
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 1.67 mg/mL (10.04 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 1 mg/mL (6.01 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.0147 mL	30.0734 mL	60.1468 mL
5 mM	1.2029 mL	6.0147 mL	12.0294 mL
10 mM	0.6015 mL	3.0073 mL	6.0147 mL
50 mM	0.1203 mL	0.6015 mL	1.2029 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.

Reference

Nakashita Y , Hesse M . Conversion of Nitroheptane to Dihydrojasmane[J]. Planta Medica, 1985, 51(04):349-350.

**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