(E/Z)-Geranylacetone

Cat. No.: HY-N8446

CAS No.: 689-67-8

Molecular Formula: $C_{13}H_{22}O$

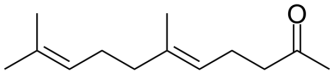
Molecular Weight: 194.31

Target: Biochemical Assay Reagents

Pathway: Others

Storage:

Pure form	-20°C	3 years
	4°C	2 years
In solvent	-80°C	6 months
	-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (514.64 mM)

* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions

Solvent / Mass / Concentration	1 mg	5 mg	10 mg
1 mM	5.1464 mL	25.7321 mL	51.4642 mL
5 mM	1.0293 mL	5.1464 mL	10.2928 mL
10 mM	0.5146 mL	2.5732 mL	5.1464 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
   Solubility: ≥ 2.5 mg/mL (12.87 mM); Clear solution
2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
   Solubility: ≥ 2.5 mg/mL (12.87 mM); Clear solution
3. Add each solvent one by one: 10% DMSO >> 90% corn oil
   Solubility: ≥ 2.5 mg/mL (12.87 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

(E/Z)-Geranylacetone is an organic compound commonly used as an ingredient in fragrances and fragrances. It can be used in some products such as perfumes, soaps and cosmetics, and can bring a fresh aromatic smell. In addition, the compound is used in some foods and pharmaceuticals, for example in candy, chewing gum and herbal remedies.

In Vitro

Geranyl Acetone is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

	MCE has not independently confirmed the accuracy of these methods. They are for reference only.

Caution: Product has not been fully validated for medical applications. For research use only.

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