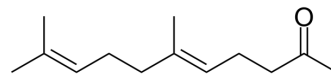


(E/Z)-Geranylacetone

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 Concentration	Mass		
		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

- 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
- 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
- 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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