

Geranic acid

Chemical Properties

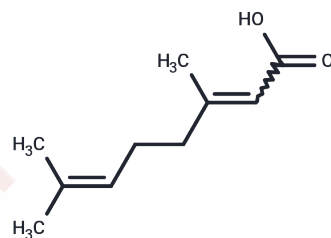
CAS No. : 459-80-3

Formula: C₁₀H₁₆O₂

Molecular Weight: 168.23

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	Geranic acid is a branched-chain carboxylic acid primarily used in the fragrance, flavoring, cosmetics, and agricultural industries. In vitro studies have demonstrated that Geranic acid exhibits strong inhibitory effects against two major corn fungi, <i>Fusarium graminearum</i> and <i>Colletotrichum graminicola</i> . Additionally, Geranic acid has shown antitumor activity.
Targets(IC50)	Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.9442 mL	29.7212 mL	59.4424 mL
5 mM	1.1888 mL	5.9442 mL	11.8885 mL
10 mM	0.5944 mL	2.9721 mL	5.9442 mL
50 mM	0.1189 mL	0.5944 mL	1.1888 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

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