

Elemol

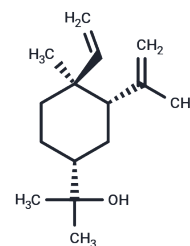
Chemical Properties

CAS No. : 639-99-6

Formula: C₁₅H₂₆O

Molecular Weight: 222.37

Storage: Keep away from moisture, Keep away from direct sunlight, Store at low temperature
 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	Elemol (α-Elemol) is a bioactive component extracted from <i>Chamaecyparis obtusa</i> , a fragrance compound with tick repellent properties. It improves skin damage induced by DNCB in mice and can be used for research on skin diseases.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.497 mL	22.485 mL	44.9701 mL
5 mM	0.8994 mL	4.497 mL	8.994 mL
10 mM	0.4497 mL	2.2485 mL	4.497 mL
50 mM	0.0899 mL	0.4497 mL	0.8994 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

- de Souza TDS, et al. Chemotype diversity of *Psidium guajava* L. *Phytochemistry*. 2018 Sep;153:129-137.
- Garzoli S, et al. Chemical investigations of male and female leaf extracts from *Schinus molle* L. *Nat Prod Res*. 2019 Jul;33(13):1980-1983.
- da Luz SFM, et al. Secondary Metabolic Profiles of Two Cultivars of *Piper nigrum* (Black Pepper) Resulting from Infection by *Fusarium solani* f. sp. *piperis*. *Int J Mol Sci*. 2017 Dec 7;18(12):2434.
- Elghwaji W, et al. Chemical Composition, Antimicrobial and Antitumor Potentiality of Essential Oil of *Ferula tingitana* L. *Apiaceae* Grow in Libya. *Pharmacogn Mag*. 2017 Oct;13(Suppl 3):S446-S451.

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