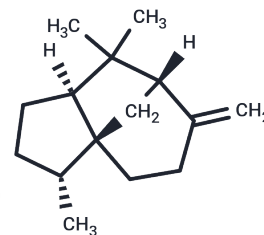


β -Cedrene

Chemical Properties

CAS No. :	546-28-1
Formula:	C ₁₅ H ₂₄
Molecular Weight:	204.35
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	β -Cedrene ((+)- β -Cedrene), a sesquiterpene isolated from both <i>Centaurea kotschyi</i> var. <i>kotschyi</i> and <i>Centaurea kotschyi</i> var. <i>decumbens</i> , exhibits a broad range of biological activities, including antibacterial, anti-inflammatory, antispasmodic, tonic, diuretic, sedative, insecticidal, and antifungal properties. Additionally, β -Cedrene acts as a potent competitive inhibitor of the CYP2B6-mediated bupropion hydroxylase activity, demonstrating a K_i value of 1.6 μ M [1] [2].
Targets(IC50)	Others,Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.8936 mL	24.4678 mL	48.9356 mL
5 mM	0.9787 mL	4.8936 mL	9.7871 mL
10 mM	0.4894 mL	2.4468 mL	4.8936 mL
50 mM	0.0979 mL	0.4894 mL	0.9787 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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