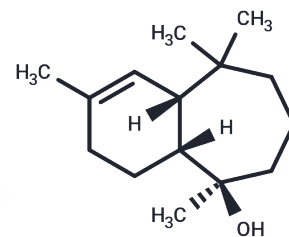


Himachalol

Chemical Properties

CAS No. :	1891-45-8
Formula:	C ₁₅ H ₂₆ O
Molecular Weight:	222.366
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	Himachalol, a sesquiterpene, is an orally active compound with antispasmodic and anticancer properties found in cedarwood. It exhibits antiproliferative effects on melanoma cells and induces apoptosis (Apoptosis) by decreasing Bcl-2 levels and increasing Bax levels. Himachalol also causes systemic blood pressure reduction and peripheral vasodilation, and it inhibits carbamylcholine-induced intestinal spasms. In mice, the LD50 is 265 mg/kg (oral) and 247 mg/kg (intraperitoneal injection).
Targets(IC50)	Apoptosis, Bcl-2 Family

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.

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