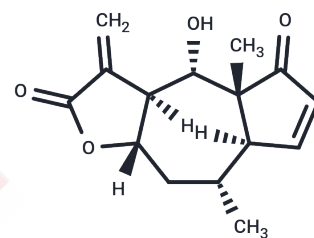


8-epi-Helenalin

Chemical Properties

CAS No. :	97643-91-9
Formula:	C ₁₅ H ₁₈ O ₄
Molecular Weight:	262.3
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	8-epi-Helenalin, a sesquiterpene lactone with anti-tumor properties, is derived from <i>Inula britannica</i> L. var. <i>chinensis</i> (Rupr.) Reg. It demonstrates cytotoxic activity against a range of cancer cell lines, with ED ₅₀ values of 12.2 μM for HL-60, 53.8 μM for A549, 9.1 μM for MCF7, 8.7 μM for HCT-15, 18.7 μM for SK-OV-3, and 8.3 μM for Malme-3M, indicating its potential for anti-tumor research [1].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8124 mL	19.0621 mL	38.1243 mL
5 mM	0.7625 mL	3.8124 mL	7.6249 mL
10 mM	0.3812 mL	1.9062 mL	3.8124 mL
50 mM	0.0762 mL	0.3812 mL	0.7625 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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