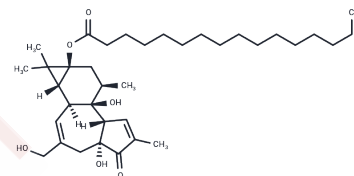


12-Deoxyphorbol 13-palmitate

Chemical Properties

CAS No. :	66583-59-3
Formula:	C ₃₆ H ₅₈ O ₆
Molecular Weight:	586.84
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	12-Deoxyphorbol 13-palmitate, a monomer derived from the roots of <i>Euphorbia fischeriana</i> , exhibits notable antitumor activity. This compound induces cell cycle arrest and apoptosis in gastric cancer cells by modulating key cell cycle regulators, such as cyclin B, cyclin A, and CDC2. Additionally, 12-Deoxyphorbol 13-palmitate significantly diminishes liver fibrosis by targeting APOL2 and impairing the APOL2-SERCA2-PERK-HES1 signaling pathway.
Targets(IC50)	Apoptosis,CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.704 mL	8.5202 mL	17.0404 mL
5 mM	0.3408 mL	1.704 mL	3.4081 mL
10 mM	0.1704 mL	0.852 mL	1.704 mL
50 mM	0.0341 mL	0.1704 mL	0.3408 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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