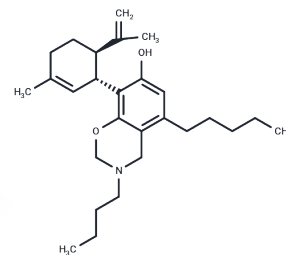


Antiproliferative agent-63

Chemical Properties

CAS No. :	3048082-38-5
Formula:	C ₂₇ H ₄₁ NO ₂
Molecular Weight:	411.62
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	Antiproliferative agent-63 (compound 4d) is a cyclic analog of cannabidiol that acts as an anticancer agent. It demonstrates favorable activity against breast and colorectal cancer. Moreover, this compound can arrest the cell cycle in the G1 phase and induce apoptosis through the mitochondrial pathway in breast cancer cell lines.
Targets(IC50)	Apoptosis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4294 mL	12.1471 mL	24.2943 mL
5 mM	0.4859 mL	2.4294 mL	4.8589 mL
10 mM	0.2429 mL	1.2147 mL	2.4294 mL
50 mM	0.0486 mL	0.2429 mL	0.4859 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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