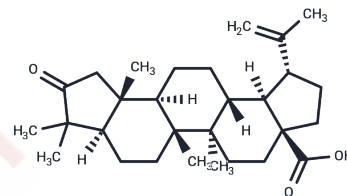


1-Decarboxy-3-oxo-ceanothic acid

Chemical Properties

CAS No. :	214150-74-0
Formula:	C ₂₉ H ₄₄ O ₃
Molecular Weight:	440.668
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	1-Decarboxy-3-oxo-ceanothic acid exhibits in vitro cytotoxic activity in a human ovarian adenocarcinoma cell line, mediated at least in part by induction of apoptosis. It is cytotoxic against OVCAR-3 and HeLa cancer cell lines with IC ₅₀ values of 2.8 and 6.6 microg/mL, respectively, and has an IC ₅₀ of 11.3 microg/mL against normal cell line FS-5.
Targets(IC ₅₀)	Apoptosis,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2693 mL	11.3464 mL	22.6927 mL
5 mM	0.4539 mL	2.2693 mL	4.5385 mL
10 mM	0.2269 mL	1.1346 mL	2.2693 mL
50 mM	0.0454 mL	0.2269 mL	0.4539 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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