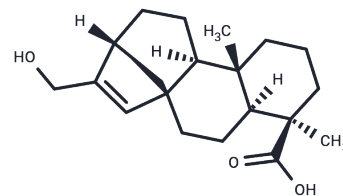


ent-17-Hydroxykaur-15-en-19-oic acid

Chemical Properties

CAS No. :	35030-38-7
Formula:	C ₂₀ H ₃₀ O ₃
Molecular Weight:	318.45
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	ent-17-Hydroxykaur-15-en-19-oic acid is a natural compound found in the leaves of the aromatic tree and has an IC ₅₀ of 17.63microg/mL on human prostate cells.
Targets(IC ₅₀)	Others
In vitro	Ent-17-Hydroxykaur-15-en-19-oic acid (6-50microg/mL) was evaluated for cytotoxicity against human prostate (22Rv1, LNCaP), colon (HT29, HCT116, SW480, SW620), and breast (MCF-7) tumor cells. It showed activity in all cell lines tested, with the prostate cells demonstrating the most sensitivity (IC ₅₀) 17.63microg/mL).[1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1402 mL	15.7011 mL	31.4021 mL
5 mM	0.628 mL	3.1402 mL	6.2804 mL
10 mM	0.314 mL	1.5701 mL	3.1402 mL
50 mM	0.0628 mL	0.314 mL	0.628 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.

Reference

Henry GE, et al. Kaurene diterpenes from *Laetia thamnia* inhibit the growth of human cancer cells in vitro. *Cancer Lett.* 2006 ; 244(2):190.194.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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