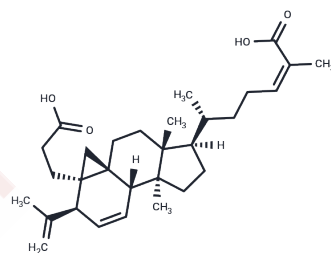


Changnanic acid

Chemical Properties

CAS No. : 136040-44-3
 Formula: C₃₀H₄₄O₄
 Molecular Weight: 468.67
 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	Changnanic acid (schisandrin), a triterpene compound, has demonstrated potential anti-tumor properties, exhibiting moderate cytotoxicity against human tumor cell lines Bel-7402 and MCF-7 with IC ₅₀ s of 100 μM, and against HL-60 with an IC ₅₀ of 50.51 μM [1].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1337 mL	10.6685 mL	21.337 mL
5 mM	0.4267 mL	2.1337 mL	4.2674 mL
10 mM	0.2134 mL	1.0668 mL	2.1337 mL
50 mM	0.0427 mL	0.2134 mL	0.4267 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.

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