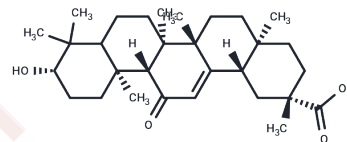


18 α -Glycyrrhetic acid

Chemical Properties

CAS No. :	1449-05-4
Formula:	C30H46O4
Molecular Weight:	470.68
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	18 α -Glycyrrhetic acid (Enoxolone) is an inhibitor of NF- κ B and an activator of the proteasome, and functions as a longevity-promoting and anti-aggregation factor in multicellular organisms. It induces apoptosis.
Targets(IC50)	Apoptosis,NF- κ B,Proteasome

Solubility Information

Solubility	DMSO: 10.64 mg/mL (22.61 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1246 mL	10.6229 mL	21.2459 mL
5 mM	0.4249 mL	2.1246 mL	4.2492 mL
10 mM	0.2125 mL	1.0623 mL	2.1246 mL
50 mM	0.0425 mL	0.2125 mL	0.4249 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.

Reference

Parida PK, et al. Bioorg Med Chem Lett. 2014 Aug 15;24(16):3865-8.

Huang S, Cao B, Zhang J, et al. Induction of ferroptosis in human nasopharyngeal cancer cells by cucurbitacin B: molecular mechanism and therapeutic potential. Cell Death & Disease. 2021, 12(3): 1-13.

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