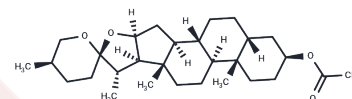


SMILAGENIN ACETATE

Chemical Properties

CAS No. : 4947-75-5
 Formula: C₂₉H₄₆O₄
 Molecular Weight: 458.67
 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	Smilagenin acetate, a saponin derivative, upregulates acetylcholine M2 receptor expression in cell assays, positioning it as a candidate for dementia research.
Targets(IC50)	Others,AChR

Solubility Information

Solubility	DMSO: Slightly soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1802 mL	10.9011 mL	21.8022 mL
5 mM	0.436 mL	2.1802 mL	4.3604 mL
10 mM	0.218 mL	1.0901 mL	2.1802 mL
50 mM	0.0436 mL	0.218 mL	0.436 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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