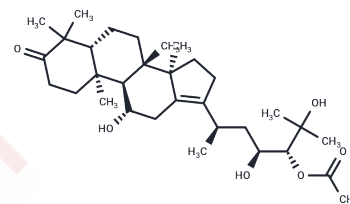


Alisol A 24-acetate

Chemical Properties

CAS No. :	18674-16-3
Formula:	C32H52O6
Molecular Weight:	532.75
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. Alisol A 24-acetate (Alisol A monoacetate) has been determined for the quality control of this crude drug.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 50 mg/mL (93.85 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	1.8771 mL	9.3853 mL	18.7705 mL
5 mM	0.3754 mL	1.8771 mL	3.7541 mL
10 mM	0.1877 mL	0.9385 mL	1.8771 mL
50 mM	0.0375 mL	0.1877 mL	0.3754 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

Yu Y , Li Q , Bi K , et al. A sensitive liquid chromatography-mass spectrometry method for simultaneous determination of alisol A and alisol A 24-acetate from *Alisma orientale* (Sam.) Juz. in rat plasma[J]. Analytical and Bioanalytical Chemistry, 2011, 399(3):1363-1369.

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