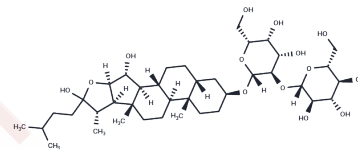


## Anemarrhenasaponin I

## Chemical Properties

CAS No. :	163047-21-0
Formula:	C39H66O14
Molecular Weight:	758.93
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	Anemarrhenasaponin I shows the remarkable inhibiting effect on platelet aggregation.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 50 mg/mL (65.88 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (2.64 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3176 mL	6.5882 mL	13.1764 mL
5 mM	0.2635 mL	1.3176 mL	2.6353 mL
10 mM	0.1318 mL	0.6588 mL	1.3176 mL
50 mM	0.0264 mL	0.1318 mL	0.2635 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

Kang LP, et al. Steroidal glycosides from the rhizomes of *Anemarrhena asphodeloides* and their antiplatelet aggregation activity. *Planta Med.* 2012 Apr;78(6):611-6.

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