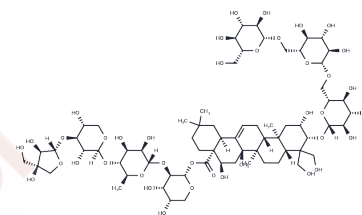


Platycoside E

Chemical Properties

CAS No. :	237068-41-6
Formula:	C ₆₉ H ₁₁₂ O ₃₈
Molecular Weight:	1549.6
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	Platycoside E (Platycodin E) is a platycodigenin-type saponin isolated from the root of Platycodon grandiflorum with haemolytic activity and adjuvant potential.
Targets(IC50)	Others
In vivo	Platycoside E significantly promoted the production of the sera OVA-specific IgG2a and IgG2b antibody in the OVA-immunized mice[1].

Solubility Information

Solubility	DMSO: 55 mg/mL (35.49 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	0.6453 mL	3.2266 mL	6.4533 mL
5 mM	0.1291 mL	0.6453 mL	1.2907 mL
10 mM	0.0645 mL	0.3227 mL	0.6453 mL
50 mM	0.0129 mL	0.0645 mL	0.1291 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

Xie Y, et al. Contribution of the glycidic moieties to the haemolytic and adjuvant activity of platycodigenin-type saponins from the root of Platycodon grandiflorum. *Vaccine*. 2008 Jun 25;26(27-28):3452-60.

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