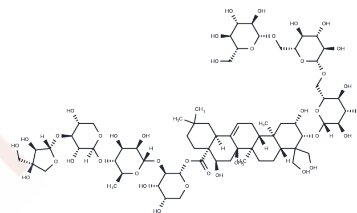


Platycoside E

Chemical Properties

CAS No. :	237068-41-6
Formula:	C ₆₉ H ₁₁₂ O ₃₈
Molecular Weight:	1549.6
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Platycoside E (Platycodin E) is a platycodigenin-type saponin isolated from the root of <i>Platycodon grandiflorum</i> 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)
------------	--

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.

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481