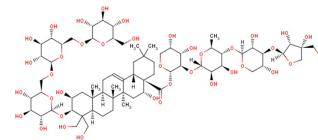


Platycoside E

Chemical Properties

CAS No.:	237068-41-6
Formula:	C ₆₉ H ₁₁₂ O ₃₈
Molecular Weight:	1549.6
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Platycoside E is a platycodigenin-type saponin isolated from the root of <i>Platycodon grandiflorum</i> with haemolytic activity and adjuvant potential.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.645 mL	3.227 mL	6.453 mL
5 mM	0.129 mL	0.645 mL	1.291 mL
10 mM	0.065 mL	0.323 mL	0.645 mL
50 mM	0.013 mL	0.065 mL	0.129 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. 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.

Inhibitors · Natural Compounds · Compound Libraries

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