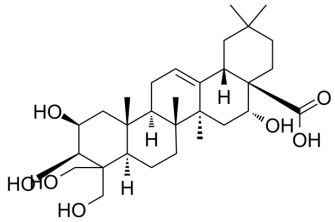
Platicodigenin

Cat. No.:	HY-N1991
CAS No.:	22327-82-8
Molecular Formula:	$C_{30}H_{48}O_7$
Molecular Weight:	520.7
Target:	Others
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (192.05 mM; Need ultrasonic)

Preparing Stock Solutions	Mass / Solvent / Concentration	1 mg	5 mg	10 mg
	1 mM	1.9205 mL	9.6025 mL	19.2049 mL
	5 mM	0.3841 mL	1.9205 mL	3.8410 mL
	10 mM	0.1920 mL	0.9602 mL	1.9205 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
   Solubility: ≥ 2.5 mg/mL (4.80 mM); Clear solution
2. Add each solvent one by one: 10% DMSO >> 90% corn oil
   Solubility: ≥ 2.5 mg/mL (4.80 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Platicodigenin isolated from platycodon grandiflorum.

Caution: Product has not been fully validated for medical applications. For research use only.

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