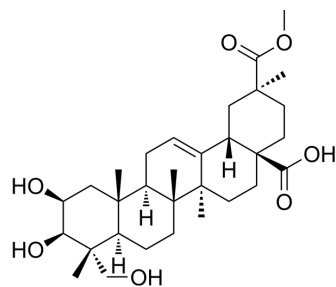


Phytolaccagenin

Cat. No.:	HY-N1433
CAS No.:	1802-12-6
Molecular Formula:	C ₃₁ H ₄₈ O ₇
Molecular Weight:	532.71
Target:	Bacterial
Pathway:	Anti-infection
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 : 50 mg/mL (93.86 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
		Concentration				
		1 mM		1.8772 mL	9.3860 mL	18.7719 mL
		5 mM		0.3754 mL	1.8772 mL	3.7544 mL
	10 mM		0.1877 mL	0.9386 mL	1.8772 mL	
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (4.69 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (4.69 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Phytolaccagenin, a triterpenoid saponin, is the active component of Radix Phytolaccae. Phytolaccagenin has antifungal activity, anti-inflammatory activity and lower toxicity ^[1]
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REFERENCES

[1]. Wei F , et al. Development and validation of a HPLC-MS/MS method for the determination of phytolaccagenin in rat plasma and application to a pharmacokinetic study. J Pharm Biomed Anal. 2015 Mar 25;107:82-8.

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

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