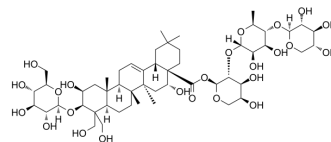


Deapioplatycodin D

Cat. No.:	HY-N0588		
CAS No.:	78763-58-3		
Molecular Formula:	C ₅₂ H ₈₄ O ₂₄		
Molecular Weight:	1093.21		
Target:	HCV		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (91.47 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	Preparing Stock Solutions		1 mg	5 mg	10 mg
		1 mM	0.9147 mL	4.5737 mL	9.1474 mL
5 mM		0.1829 mL	0.9147 mL	1.8295 mL	
	10 mM	0.0915 mL	0.4574 mL	0.9147 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 (2.29 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (2.29 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (2.29 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Deapioplatycodin D is a triterpenoid saponin isolated from <i>Platycodon grandiflorum</i> , with anti-HCV activity ^[1] .
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REFERENCES

[1]. Kim JW, et al. Triterpenoid Saponins Isolated from *Platycodon grandiflorum* Inhibit Hepatitis C Virus Replication. Evid Based Complement Alternat Med.

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

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