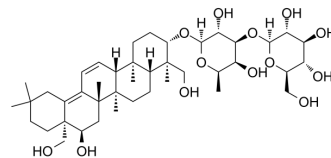


Saikosaponin B2

Cat. No.:	HY-N0248
CAS No.:	58316-41-9
Molecular Formula:	C ₄₂ H ₆₈ O ₁₃
Molecular Weight:	780.98
Target:	HCV
Pathway:	Anti-infection
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (128.04 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	1.2804 mL	6.4022 mL	12.8044 mL
				5 mM	0.2561 mL	1.2804 mL	2.5609 mL
				10 mM	0.1280 mL	0.6402 mL	1.2804 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 (3.20 mM); Clear solution						
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (3.20 mM); Clear solution						
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (3.20 mM); Clear solution						

BIOLOGICAL ACTIVITY

Description	Saikosaponin B2 is an active component from Bupleurum chinensis root, acts as an entry inhibitor against HCV infection ^[1] . Anti-cancer activity ^[2] .
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REFERENCES

[1]. Lin LT, et al. Saikosaponin b2 is a naturally occurring terpenoid that efficiently inhibits hepatitis C virus entry. J Hepatol. 2015 Mar;62(3):541-8.

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

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