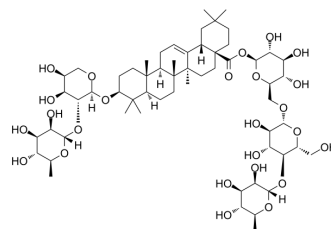


Hederasaponin B

Cat. No.:	HY-N0306
CAS No.:	36284-77-2
Molecular Formula:	C ₅₉ H ₉₆ O ₂₅
Molecular Weight:	1205.38
Target:	Enterovirus
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 : 100 mg/mL (82.96 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent \ Mass \ Concentration	1 mg	5 mg	10 mg
		1 mM	0.8296 mL	4.1481 mL	8.2961 mL
		5 mM	0.1659 mL	0.8296 mL	1.6592 mL
		10 mM	0.0830 mL	0.4148 mL	0.8296 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (2.07 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (2.07 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (2.07 mM); Clear solution 				

BIOLOGICAL ACTIVITY

Description	Hederasaponin B, isolated from Hedera helix, has broad-spectrum antiviral activity against various subgenotypes of Enterovirus 71 (EV71).
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REFERENCES

[1]. Song J, et al. Antiviral Activity of Hederasaponin B from Hedera helix against Enterovirus 71 Subgenotypes C3 and C4a. *Biomol Ther (Seoul)*. 2014 Jan;22(1):41-6.

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

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