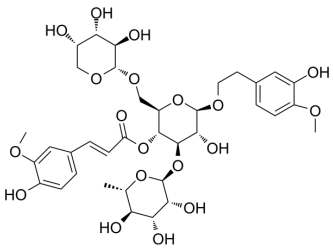
Angoroside C

Cat. No.:	HY-N0062
CAS No.:	115909-22-3
Molecular Formula:	$C_{36}H_{48}O_{19}$
Molecular Weight:	784.75
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (159.29 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	1.2743 mL	6.3715 mL	12.7429 mL
	5 mM	0.2549 mL	1.2743 mL	2.5486 mL
	10 mM	0.1274 mL	0.6371 mL	1.2743 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: ≥ 2.08 mg/mL (2.65 mM); Clear solution
2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
   Solubility: ≥ 2.08 mg/mL (2.65 mM); Clear solution
3. Add each solvent one by one: 10% DMSO >> 90% corn oil
   Solubility: ≥ 2.08 mg/mL (2.65 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Angoroside C, a phenylpropanoid glycoside isolated from Scrophularia ningpoensis, has beneficial effects against ventricular remodeling[1].

In Vivo

Angoroside C has beneficial effects against ventricular remodeling. The mechanism is likely to be related to decreasing the level of Ang Ⅱ, attenuating the mRNA expressions of ET-1 and TGF-β1[1].

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Gu WL, et al. The effect of angoroside C on pressure overload-induced ventricular remodeling in rats. Phytomedicine. 2015 Jul 15;22(7-8):705-12.

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