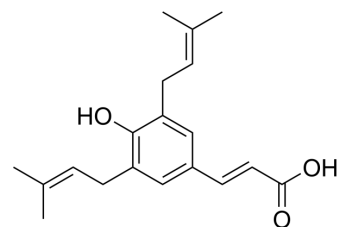


Artepillin C

Cat. No.:	HY-N10319		
CAS No.:	72944-19-5		
Molecular Formula:	C ₁₉ H ₂₄ O ₃		
Molecular Weight:	300.39		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (332.90 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.3290 mL	16.6450 mL	33.2901 mL
	5 mM	0.6658 mL	3.3290 mL	6.6580 mL
	10 mM	0.3329 mL	1.6645 mL	3.3290 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Artepillin C has gastroprotective, anti-inflammatory, antimicrobial, antioxidant, antitumor and choleric activity. Artepillin C can be isolated from Brazilian green propolis^{[1][2]}.

REFERENCES

[1]. Kobal MB, et al. Correlating Artepillin C cytotoxic activity on HEP-2 cells with bioinspired systems of plasma membranes. *Mater Sci Eng C Mater Biol Appl.* 2020 Jul;112:110943.

[2]. Beserra FP, et al. Artepillin C as an outstanding phenolic compound of Brazilian green propolis for disease treatment: A review on pharmacological aspects. *Phytother Res.* 2020 Sep 15.

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

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