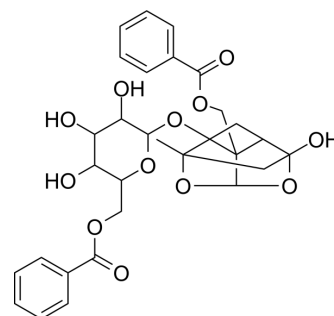


Benzoylpaeoniflorin

Cat. No.:	HY-N0852		
CAS No.:	38642-49-8		
Molecular Formula:	C ₃₀ H ₃₂ O ₁₂		
Molecular Weight:	584.57		
Target:	Apoptosis		
Pathway:	Apoptosis		
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 (171.07 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.7107 mL	8.5533 mL	17.1066 mL
	5 mM	0.3421 mL	1.7107 mL	3.4213 mL
	10 mM	0.1711 mL	0.8553 mL	1.7107 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (4.28 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (4.28 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (4.28 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Benzoylpaeoniflorin, a natural product from Chinese paeony root, has the potential for coronary heart disease by decreasing apoptosis.

REFERENCES

- [1]. Xinfeng Zhao, et al. Quantitative and Qualitative Determination of Liuwei Dihuang Tablets by HPLC–UV–MS–MS. Journal of Chromatographic Science, Vol. 45,

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA