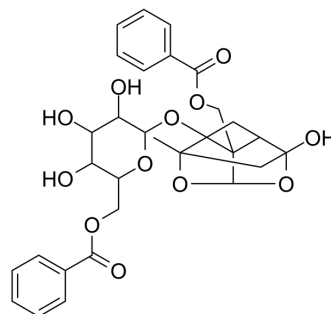


Benzoylpaeoniflorin

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 : ≥ 34 mg/mL (58.16 mM)
 * "≥" means soluble, but saturation unknown.

	Solvent Concentration	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.

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, September 2007, 549-552

[2]. ZHANG Er-li, et al. Effects of Benzoylpaeoniflorin on apoptosis of Rats with Coronary Heart Diseases. Chinese Journal of Laboratory Diagnosis, 2011-04.

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

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