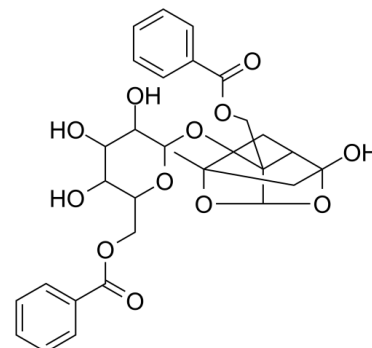


Data Sheet

Product Name:	Benzoylpaeoniflorin
Cat. No.:	CS-3644
CAS No.:	38642-49-8
Molecular Formula:	C ₃₀ H ₃₂ O ₁₂
Molecular Weight:	584.57
Target:	Apoptosis
Pathway:	Apoptosis
Solubility:	DMSO : ≥ 34 mg/mL (58.16 mM)



BIOLOGICAL ACTIVITY:

Benzoylpaeoniflorin is a natural product; may treat 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.

CAIndexNames:

β-D-Glucopyranoside, (1aR,2S,3aR,5R,5aR,5bS)-5b-[(benzoyloxy)methyl]tetrahydro-5-hydroxy-2-methyl-2,5-methano-1H-3,4-dioxacyclobuta[cd]pentalen-1a(2H)-yl, 6-benzoate

SMILES:

O=C(C1=CC=CC=C1)OCC(C(C2(O)O3)C4)(C3OC5(C2)C)C45OC(C(C(O)C6O)O)OC6COC(C7=CC=CC=C7)=O

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

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