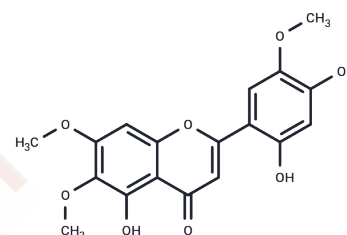


Arcapillin

Chemical Properties

CAS No. :	83162-82-7
Formula:	C ₁₈ H ₁₆ O ₈
Molecular Weight:	360.31
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Arcapillin, an anticancer agent, induces apoptosis mediated at least in part by the ERS pathway and inhibits hepatoma tumor growth.
Targets(IC50)	Others,Phosphatase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7754 mL	13.8769 mL	27.7539 mL
5 mM	0.5551 mL	2.7754 mL	5.5508 mL
10 mM	0.2775 mL	1.3877 mL	2.7754 mL
50 mM	0.0555 mL	0.2775 mL	0.5551 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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- Jung HA, Park JJ, Islam MN, Jin SE, Min BS, Lee JH, Sohn HS, Choi JS. Inhibitory activity of coumarins from *Artemisia capillaris* against advanced glycation endproduct formation. Arch Pharm Res. 2012 Jun;35(6):1021-35. doi: 10.1007/s12272-012-0610-0. Epub 2012 Jun 30. PubMed PMID: 22870812.
- Lin S, Zhang QW, Zhang NN, Zhang YX. [Determination of flavonoids in buds of *Herba Artemisiae Scopariae* by HPLC]. Zhongguo Zhong Yao Za Zhi. 2005 Apr;30(8):591-4. Chinese. PubMed PMID: 16011282.
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