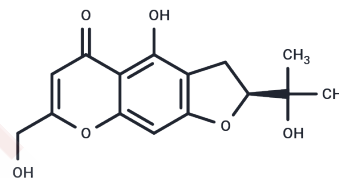


Angelicaicain

Chemical Properties

CAS No. :	49624-66-0
Formula:	C ₁₅ H ₁₆ O ₆
Molecular Weight:	292.28
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	Angelicaicain, also known as Norcimifugin, is a component found in Cimicifuga foetida that exhibits anti-inflammatory activity.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 2.93 mg/mL (10.02 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 1 mg/mL (3.42 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4214 mL	17.1069 mL	34.2138 mL
5 mM	0.6843 mL	3.4214 mL	6.8428 mL
10 mM	0.3421 mL	1.7107 mL	3.4214 mL
50 mM	0.0684 mL	0.3421 mL	0.6843 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

Lu L, et al. Studies on the constituents of *Cimicifuga foetida* collected in Guizhou Province and their cytotoxic activities. *Chem Pharm Bull (Tokyo)*. 2012;60(5):571-7.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481