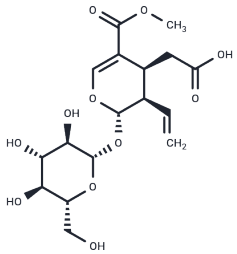
Data Sheet (Cat.No.T3S1534)

TargetMol

Secoxyloganin

Chemical Properties



CAS No. : 58822-47-2

Formula: C17H24O11

Molecular Weight: 404.37

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	Secoxyloganin possesses a hepato-protective effect. Secoxyloganin possesses antibacterial activity. Secoxyloganin has cytotoxic activity against UACC-62 cell line. Secoxyloganin possesses the perfect protective effect on PRRSV infected cell and with the minimum protection concentration of 6. 25 μg/mL.
Targets(IC50)	Anti-infection

Solubility Information

Solubility	DMSO: 100 mg/mL (247.3 mM),Sonication is recommended. Ethanol: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 4 mg/mL (9.89 mM),Sonication is recommended. *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.*

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.473 mL	12.3649 mL	24.7298 mL
5 mM	0.4946 mL	2.473 mL	4.946 mL
10 mM	0.2473 mL	1.2365 mL	2.473 mL
50 mM	0.0495 mL	0.2473 mL	0.4946 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

Liu HQ, Wang TL.[Chemical constituents from flower of Lonicera fragrantissima].Zhong Yao Cai. 2014 Aug;37(8):1383-5.

de Oliveira PR, et al. et al.Cytotoxic activity of Guettarda pohliana Müll. Arg. (Rubiaceae).Nat Prod Res. 2013;27(18):1677-81.

Xiong J, et al.Screening and identification of the antibacterial bioactive compounds from Lonicera japonica Thunb. leaves.Food Chem. 2013 May 1;138(1):327-33.

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