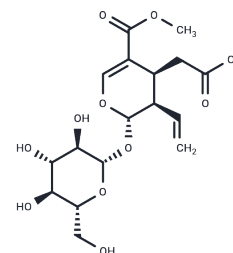


Secoxyloganin

Chemical Properties

CAS No. :	58822-47-2
Formula:	C ₁₇ H ₂₄ O ₁₁
Molecular Weight:	404.37
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



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(IC ₅₀)	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)
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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.

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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Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481