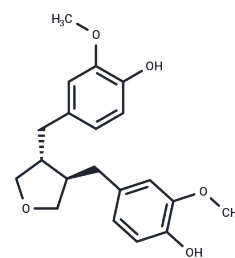


Anhydrosecoisolariciresinol

Chemical Properties

CAS No. :	29388-33-8
Formula:	C ₂₀ H ₂₄ O ₅
Molecular Weight:	344.4
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Anhydrosecoisolariciresinol is a natural product isolated from <i>Wedelia biflora</i> exhibiting inhibitory activity against MCF-7 and MDA-MB-231 cells.
Targets(IC50)	Others
In vitro	Anhydrosecoisolariciresinol (50 μ M and 100 μ M) significantly inhibited the growth of MCF-7 cells: compared with the control group, 100 μ M Anhydrosecoisolariciresinol could inhibit the growth of MCF-7 cells by nearly 30% [2].

Solubility Information

Solubility	DMSO: 20 mg/mL (58.07 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9036 mL	14.518 mL	29.036 mL
5 mM	0.5807 mL	2.9036 mL	5.8072 mL
10 mM	0.2904 mL	1.4518 mL	2.9036 mL
50 mM	0.0581 mL	0.2904 mL	0.5807 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

Thu NT, et al. Six new phenolic glycosides and a new ceramide from the flowers of *Wedelia biflora* and their cytotoxicity against some cancer cell lines. *Nat Prod Commun*. 2013 Mar;8(3):367-72.

Lehraiki A, et al. Extraction of lignans from flaxseed and evaluation of their biological effects on breast cancer MCF-7 and MDA-MB-231 cell lines. *J Med Food*. 2010 Aug;13(4):834-41.

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