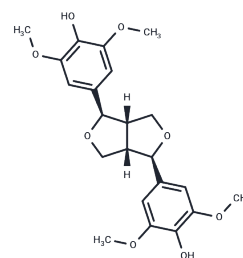


(-)-Syringaresinol

Chemical Properties

CAS No. :	6216-81-5
Formula:	C ₂₂ H ₂₆ O ₈
Molecular Weight:	418.44
Storage:	Store at low temperature, 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	(-)-Syringaresinol (DL-Syringaresinol) is derived from the stems of Annona Montana. (-)-Syringaresinol inhibits the proliferation of human promyelocytic HL-60 cells through G1 arrest and induction of apoptosis and possesses anti-cancer activity.
Targets(IC50)	Apoptosis, Bcl-2 Family, Others, NF-κB, Akt, CDK, NO Synthase, COX, GSK-3, IFNAR, Immunology/Inflammation related, Interleukin, p38 MAPK, TNF

Solubility Information

Solubility	DMSO: 90 mg/mL (215.08 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: 3.3 mg/mL (7.89 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	2.3898 mL	11.9491 mL	23.8983 mL
5 mM	0.478 mL	2.3898 mL	4.7797 mL
10 mM	0.239 mL	1.1949 mL	2.3898 mL
50 mM	0.0478 mL	0.239 mL	0.478 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

Y C Wu, et al. Bioactive constituents from the stems of *Annona Montana*. *Planta Med.* 1995 Apr;61(2):146-9.

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