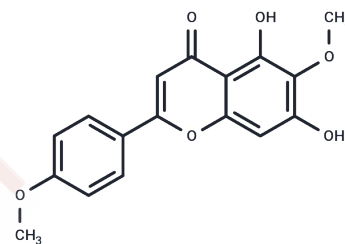


Pectolinarigenin

Chemical Properties

CAS No. :	520-12-7
Formula:	C ₁₇ H ₁₄ O ₆
Molecular Weight:	314.29
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	1. Pectolinarigenin (Pectolinarigenin) exhibits hepatoprotective activity mainly via SOD antioxidant mechanism. 2. Pectolinarigenin possesses anti-inflammatory activity and that they may inhibit eicosanoid formation in inflammatory lesions.
Targets(IC50)	COX,Lipoxygenase

Solubility Information

Solubility	DMSO: 60 mg/mL (190.91 mM),Sonication is recommended. Chloroform, Dichloromethane, Ethyl Acetate, Acetone, etc.: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1818 mL	15.9089 mL	31.8177 mL
5 mM	0.6364 mL	3.1818 mL	6.3635 mL
10 mM	0.3182 mL	1.5909 mL	3.1818 mL
50 mM	0.0636 mL	0.3182 mL	0.6364 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

Lim H , Son K H , Chang H W , et al. Anti-inflammatory Activity of Pectolinarigenin and Pectolinarin Isolated from *Cirsium chanroenicum*[J]. Biological & Pharmaceutical Bulletin, 2008, 31(11):2063-2067.

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:36 Washington Street,Wellesley Hills,MA 02481