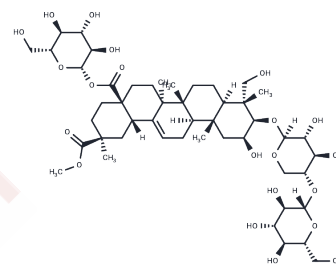


Esculentoside H

Chemical Properties

CAS No. :	66656-92-6
Formula:	C48H76O21
Molecular Weight:	989.1
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Phytolaccaceae has anti-tumor activity, the mechanism may be related to the capacity of Esculentoside H for TNF release.
Targets(IC50)	NF-κB,JNK,TNF

Solubility Information

Solubility	DMSO: 22.5 mg/mL (22.75 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: 4 mg/mL (4.04 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	1.011 mL	5.0551 mL	10.1102 mL
5 mM	0.2022 mL	1.011 mL	2.022 mL
10 mM	0.1011 mL	0.5055 mL	1.011 mL
50 mM	0.0202 mL	0.1011 mL	0.2022 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

Hu ZL, Zhang JP, et al. Effect of esculentoside H on release of tumor necrosis factor from mouse peritoneal macrophages. Zhongguo Yao Li Xue Bao. 1993 Nov;14(6):550-2.

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