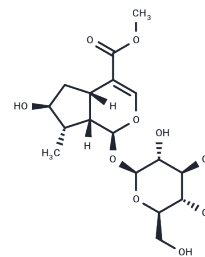


8-Epiloganin

Chemical Properties

CAS No. :	79172-04-6
Formula:	C ₁₇ H ₂₆ O ₁₀
Molecular Weight:	390.38
Storage:	Keep away from moisture 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	8-Epiloganin (8-epi-Loganin) is a compound isolated from <i>Pedicularis lasiophrys</i> with anti-inflammatory activity. It inhibits the release of pro-inflammatory cytokines induced by LPS.
Targets(IC50)	Others
In vitro	8-Epiloganin(25-200 μM,12h) inhibited the expression of COX-2 and iNOS in RAW264.7 macrophages induced by LPS, thereby inhibiting the production of COX-2-derived PGE2 and iNOS derived NO. [1]
In vivo	8-Epiloganin showed anti-fatigue activity in mice. [2]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5616 mL	12.808 mL	25.6161 mL
5 mM	0.5123 mL	2.5616 mL	5.1232 mL
10 mM	0.2562 mL	1.2808 mL	2.5616 mL
50 mM	0.0512 mL	0.2562 mL	0.5123 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

Lee DS, et al. Secondary metabolites isolated from *Castilleja rubra* exert anti-inflammatory effects through NF- κ B inactivation on lipopolysaccharide-induced RAW264.7 macrophages. *Arch Pharm Res.* 2014 Jul;37(7):947-54.

Chu H, et al. [Flavonoids and nor-sesquiterpenes of *Pedicularis densispica*]. *Zhongguo Zhong Yao Za Zhi.* 2011 Oct;36(19):2672-5. Chinese.

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