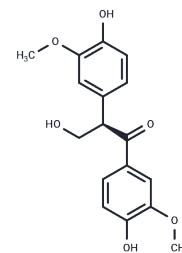


Evofolin B

Chemical Properties

CAS No. :	1961305-60-1
Formula:	C ₁₇ H ₁₈ O ₆
Molecular Weight:	318.32
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Evofolin B is a natural compound isolated from the stem bark of <i>Zanthoxylum ailanthoides</i> . Evofolin B has an inhibitory effect on the superoxide anion produced by human neutrophils in response to formyl-L-methionine-L-leucine-L-phenylalanine/cytochalasin B (fMLP/CB).
Targets(IC50)	Cannabinoid Receptor
In vitro	Evofolin-B (Hepa 1c1c7 mouse hepatoma cell) exhibited QR-inducing activity, with observed CD (concentration required to double induction) values of 16.4 microM.[1] The in vitro cytotoxic activities were determined by MTT assay. Evofolin B compounds showed no significant cytotoxic activity for HCT-116, HepG2, U251, A549, MCF7.[2]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1415 mL	15.7075 mL	31.4149 mL
5 mM	0.6283 mL	3.1415 mL	6.283 mL
10 mM	0.3141 mL	1.5707 mL	3.1415 mL
50 mM	0.0628 mL	0.3141 mL	0.6283 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

- Jang DS, et al. Phenolic compounds obtained from stems of *Couepia ulei* with the potential to induce quinone reductase. *Arch Pharm Res.* 2004 ; 27(2):169-172.
Shi GR, et al. *Zhongguo Zhong Yao Za Zhi.* 2022 ; 47(11):2989-2993.

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