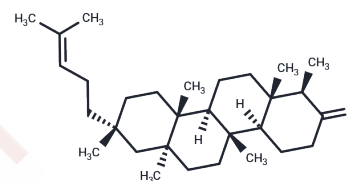


Shionone

Chemical Properties

CAS No. :	10376-48-4
Formula:	C ₃₀ H ₅₀ O
Molecular Weight:	426.72
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	1. Shionone (Shionon) has anti-tussive and anti-inflammatory effects.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: Slightly soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3435 mL	11.7173 mL	23.4346 mL
5 mM	0.4687 mL	2.3435 mL	4.6869 mL
10 mM	0.2343 mL	1.1717 mL	2.3435 mL
50 mM	0.0469 mL	0.2343 mL	0.4687 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

- Fang W , Gang R , Ling-Ling P , et al. Study on anti-inflammatory mechanism of shionone based on NF- κ B pathway in vitro[J]. China Journal of Traditional Chinese Medicine & Pharmacy, 2016.
- Li T, Lu D, Yao C, et al. Kansl1 haploinsufficiency impairs autophagosome-lysosome fusion and links autophagic dysfunction with Koolen-de Vries syndrome in mice. Nature Communications. 2022, 13(1): 1-16.

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