

Taraxerone

Chemical Properties

CAS No. : 514-07-8

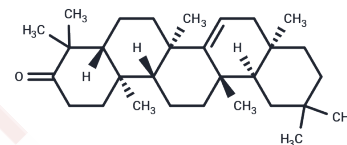
Formula: C₃₀H₄₈O

Molecular Weight: 424.70

Storage: Keep away from direct sunlight, Keep away from moisture

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	Taraxerone has allelopathic and antifungal effects. Taraxerone prevents catalase, superoxide dismutase, and reduces glutathione concentrations from the decrease induced by ethanol administration with the concentration dependent manner.
Targets(IC50)	Dehydrogenase, CAT

Solubility Information

Solubility	DMSO: 10 mM, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3546 mL	11.773 mL	23.546 mL
5 mM	0.4709 mL	2.3546 mL	4.7092 mL
10 mM	0.2355 mL	1.1773 mL	2.3546 mL
50 mM	0.0471 mL	0.2355 mL	0.4709 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

Sung C K , Kim S M , Oh C J , et al. Taraxerone enhances alcohol oxidation via increases of alcohol dehydrogenase (ADH) and acetaldehyde dehydrogenase (ALDH) activities and gene expressions[J]. Food & Chemical Toxicology, 2012, 50(7):2508-2514.

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