

Darutigenol

Chemical Properties

CAS No. : 5940-00-1

Formula: C₂₀H₃₄O₃

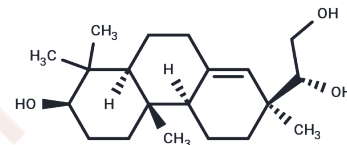
Molecular Weight: 322.48

Storage:

Store at low temperature, Keep away from direct sunlight

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	Darutigenol has obvious antithrombotic effect, its mechanism may be related to inhibition of platelet aggregation and adhesion.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 60 mg/mL (186.06 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.101 mL	15.5048 mL	31.0097 mL
5 mM	0.6202 mL	3.101 mL	6.2019 mL
10 mM	0.3101 mL	1.5505 mL	3.101 mL
50 mM	0.062 mL	0.3101 mL	0.6202 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

Chen FF, et al. Molecularly imprinted polymer for the specific solid-phase extraction of kirenol from Siegesbeckia pubescens herbal extract. Talanta. 2012 Jan 30;89:505-12.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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