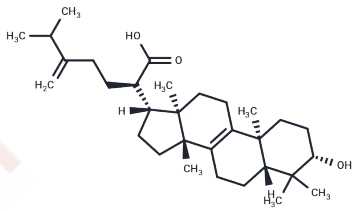
Data Sheet (Cat.No.TN1599)

TargetMol

Eburicoic acid

Chemical Properties



CAS No. : 560-66-7

Formula: C31H50O3

Molecular Weight: 470.73

Storage: Store at low temperature,Keep away from direct sunlight,Store under nitrogen
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	Eburicoic acid (ZINC4655149) exhibits anti-inflammatory and antioxidant activity thereby protecting the liver from CCl4-induced hepatic damage and can be used in studies about anti-liver cancer.
Targets(IC50)	Antioxidant,NOS,NO Synthase,CCR,Immunology/Inflammation related,ROS,TNF

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1244 mL	10.6218 mL	21.2436 mL
5 mM	0.4249 mL	2.1244 mL	4.2487 mL
10 mM	0.2124 mL	1.0622 mL	2.1244 mL
50 mM	0.0425 mL	0.2124 mL	0.4249 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

Lin CH, et al. Eburicoic Acid, a Triterpenoid Compound from Antrodia camphorata, Displays Antidiabetic and Antihyperlipidemic Effects in Palmitate-Treated C2C12 Myotubes and in High-Fat Diet-Fed Mice. Int J Mol Sci. 2017; 18(11):2314. Published 2017 Nov 2.

Huang GJ, et al. Hepatoprotective effects of eburicoic acid and dehydroeburicoic acid from Antrodia camphorata in a mouse model of acute hepatic injury. Food Chem. 2013;141(3):3020-3027.

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