

Dehydrodieugenol

Chemical Properties

CAS No. : 4433-08-3

Formula: C₂₀H₂₂O₄

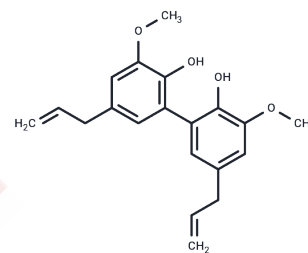
Molecular Weight: 326.39

Storage:

Keep away from direct sunlight, Keep away from moisture, Store at low temperature

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	Dehydrodieugenol is a natural lignan capable of inhibiting free radical-mediated lipid peroxidation and scavenging superoxide radicals.
Targets(IC50)	Parasite, Lipid

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0638 mL	15.3191 mL	30.6382 mL
5 mM	0.6128 mL	3.0638 mL	6.1276 mL
10 mM	0.3064 mL	1.5319 mL	3.0638 mL
50 mM	0.0613 mL	0.3064 mL	0.6128 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

Ogata, et al. Antioxidant activity of eugenol and related monomeric and dimeric compounds. Chem. Pharm. Bull. (Tokyo) 48(10), 1467-1469 (2000).

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