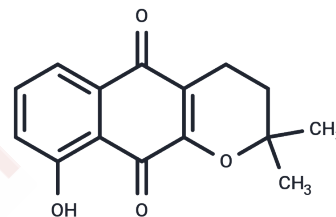


9-Hydroxy-alpha-lapachone

Chemical Properties

CAS No. : 22333-58-0
 Formula: C₁₅H₁₄O₄
 Molecular Weight: 258.27
 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	9-Hydroxy-alpha-lapachone can highly inhibit the growth of H. pylori, it exhibits potent inhibitory activity against H. pylori Cystathionine gamma-synthase, with IC(50) values of 4.64 microM. It may have anti-inflammatory activity, it exhibits potent inhibitory effects on lipopolysaccharide- induced NO synthesis in RAW 264.7 cells, with IC50 values of 4.64 microM.
Targets(IC50)	NO Synthase,Antifection

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8719 mL	19.3596 mL	38.7192 mL
5 mM	0.7744 mL	3.8719 mL	7.7438 mL
10 mM	0.3872 mL	1.936 mL	3.8719 mL
50 mM	0.0774 mL	0.3872 mL	0.7744 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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