

9-Methoxy-alpha-lapachone

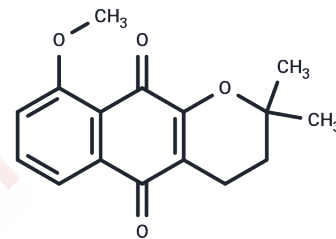
Chemical Properties

CAS No. : 35241-80-6

Formula: C₁₆H₁₆O₄

Molecular Weight: 272.3

Storage: Store at low temperature, 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	9-Methoxy-alpha-lapachone, a potential EPHX2 (Epoxide Hydrolase 2) inhibitor, also inhibits NF-κB in HepG2 hepatoma cells.
Targets(IC50)	NF-κB, Epoxide Hydrolase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6724 mL	18.3621 mL	36.7242 mL
5 mM	0.7345 mL	3.6724 mL	7.3448 mL
10 mM	0.3672 mL	1.8362 mL	3.6724 mL
50 mM	0.0734 mL	0.3672 mL	0.7345 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

- Park BM, et al. Naphthoquinones from *Catalpa ovata* and their inhibitory effects on the production of nitric oxide. Arch Pharm Res. 2010 Mar;33(3):381-5.
 Antitumor-promoting naphthoquinones from *Catalpa ovata*. J Nat Prod. 1998 May;61(5):629-32.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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