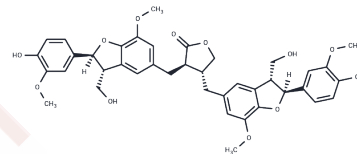


Lappaol F

Chemical Properties

CAS No. :	69394-17-8
Formula:	C40H42O12
Molecular Weight:	714.75
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	<ol style="list-style-type: none"> Lappaol F has antioxidant and antiaging properties, it may promote the <i>C. elegans</i> longevity and stress resistance through a JNK-1-DAF-16 cascade. Lappaol F has potential chemosensitizing activity, it may be candidates for developing novel adjuvant anticancer agents. Lappaol F exhibits antitumor activity in vitro and in vivo and has strong potential to be developed as an anticancer therapeutic. Lappaol F strongly inhibited NO production in the LPS-stimulated RAW264.7 cells with the IC(50) value of 9.5 microM.
Targets(IC50)	Apoptosis,CDK,JNK,P-gp,YAP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3991 mL	6.9955 mL	13.9909 mL
5 mM	0.2798 mL	1.3991 mL	2.7982 mL
10 mM	0.1399 mL	0.6995 mL	1.3991 mL
50 mM	0.028 mL	0.1399 mL	0.2798 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

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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