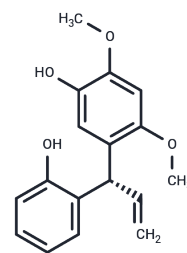


## Latifolin

## Chemical Properties

CAS No. :	10154-42-4
Formula:	C17H18O4
Molecular Weight:	286.32
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	Latifolin is a strong DPPH-scavenger, it attenuates inflammatory responses by inhibiting NF- $\kappa$ B activation via Nrf2-mediated heme oxygenase-1 expression. Latifolin displays potent anticarcinogenic phase II marker enzyme, quinone reductase (QR) inducing activity and high chemopreventive indices. Latifolin also shows antifungal activity against white- and brown-rot fungi.
Targets(IC50)	Apoptosis,NOS,NF- $\kappa$ B,Nrf2,Antifection,Autophagy,COX,IL Receptor,I $\kappa$ B/IKK,Necroptosis,PI3K,Prostaglandin Receptor,TNF

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4926 mL	17.463 mL	34.926 mL
5 mM	0.6985 mL	3.4926 mL	6.9852 mL
10 mM	0.3493 mL	1.7463 mL	3.4926 mL
50 mM	0.0699 mL	0.3493 mL	0.6985 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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