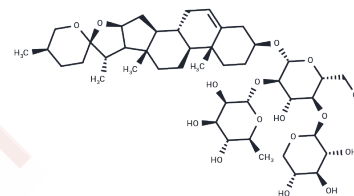


## Sprengerinin C

## Chemical Properties

CAS No. :	88861-91-0
Formula:	C44H70O16
Molecular Weight:	855.02
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	Sprengerinin C exerts anti-tumorigenic effects in hepatocellular carcinoma via inhibition of proliferation and angiogenesis and induction of apoptosis, it can strongly suppress tumor angiogenesis in human umbilical vein endothelial cells, it blocks vascular endothelial growth factor receptor 2-dependent phosphoinositide 3-kinase/Akt/mTOR/matrix metalloproteinase and p38 MAPK/matrix metalloproteinase pathways, two major pathways for tumor angiogenesis.
Targets(IC50)	Akt,mTOR,NADPH-oxidase,p38 MAPK,p53,PI3K,ROS,VEGFR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1696 mL	5.8478 mL	11.6956 mL
5 mM	0.2339 mL	1.1696 mL	2.3391 mL
10 mM	0.117 mL	0.5848 mL	1.1696 mL
50 mM	0.0234 mL	0.117 mL	0.2339 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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