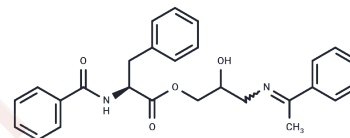


## Trichosanatine

## Chemical Properties

CAS No. : 169626-16-8  
 Formula: C<sub>27</sub>H<sub>28</sub>N<sub>2</sub>O<sub>4</sub>  
 Molecular Weight: 444.52  
 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	Trichosanatine and squamosamide, as potential candidates as lead compounds for further study in drug development process with the PP2A- $\alpha$ protein. Trichosanatine can alleviate oxidized low-density lipoprotein induced endothelial cells injury via inhibiting the LOX-1/p38 MAPK pathway.
Targets(IC50)	MMP,LDL,Lipoxygenase,p38 MAPK,ROS

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2496 mL	11.2481 mL	22.4962 mL
5 mM	0.4499 mL	2.2496 mL	4.4992 mL
10 mM	0.225 mL	1.1248 mL	2.2496 mL
50 mM	0.045 mL	0.225 mL	0.4499 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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