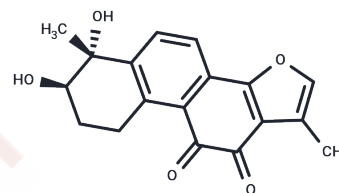


## Tanshindiol C

## Chemical Properties

CAS No. :	97465-71-9
Formula:	C <sub>18</sub> H <sub>16</sub> O <sub>5</sub>
Molecular Weight:	312.32
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	Tanshindiol C protects macrophages from oxLDL induced foam cell formation via activation of Prdx1/ABCA1 signaling and that Prdx1 may be a novel target for therapeutic intervention of atherosclerosis. It possesses a unique anti-cancer activity whose mechanism involves the inhibition of EZH2 activity and would provide chemically valuable information for designing a new class of potent EZH2 inhibitors.
Targets(IC50)	Histone Methyltransferase, Nrf2, LDL, Sirtuin

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2018 mL	16.0092 mL	32.0184 mL
5 mM	0.6404 mL	3.2018 mL	6.4037 mL
10 mM	0.3202 mL	1.6009 mL	3.2018 mL
50 mM	0.064 mL	0.3202 mL	0.6404 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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