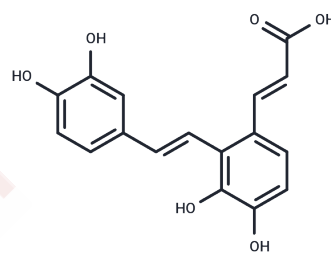


## Salvianolic acid F

## Chemical Properties

CAS No. :	158732-59-3
Formula:	C17H14O6
Molecular Weight:	314.29
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	Salvianolic acid F is a polyphenolic natural compound isolated from <i>Salvia miltiorrhiza</i> (Danshen), a plant of the Lamiaceae family. Salvianolic acid F exhibits potential biological effects, including antioxidant, anti-inflammatory, cardioprotective, and neuroprotective activities. These effects are believed to be mediated through mechanisms such as free radical scavenging and modulation of oxidative stress-related signaling pathways.
Targets(IC50)	Apoptosis, MMP, Bcl-2 Family, NF-κB, Akt, Caspase, PI3K, Ras

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1818 mL	15.9089 mL	31.8177 mL
5 mM	0.6364 mL	3.1818 mL	6.3635 mL
10 mM	0.3182 mL	1.5909 mL	3.1818 mL
50 mM	0.0636 mL	0.3182 mL	0.6364 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.

## Reference

Wang YQ, Zhuang G, Li SJ. Multiple on-line screening and identification methods for hydroxyl radical scavengers in Yudanshen. *J Pharm Biomed Anal.* 2018 Jul 15;156:278-283.

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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481