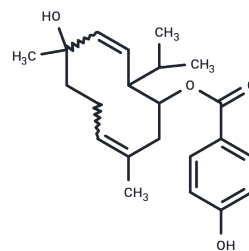


## Ferolin

## Chemical Properties

CAS No. :	39380-12-6
Formula:	C <sub>22</sub> H <sub>30</sub> O <sub>4</sub>
Molecular Weight:	358.471
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	Ferolin is an agonist of the farnesoid X receptor (FXR) with an EC <sub>50</sub> of 0.56 μM. It inhibits the expression of inflammatory genes such as iNOS, IL-1β, and TNFα in an FXR-dependent manner.
Targets(IC <sub>50</sub> )	FXR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7896 mL	13.9482 mL	27.8963 mL
5 mM	0.5579 mL	2.7896 mL	5.5793 mL
10 mM	0.279 mL	1.3948 mL	2.7896 mL
50 mM	0.0558 mL	0.279 mL	0.5579 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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