

## Axillarin

## Chemical Properties

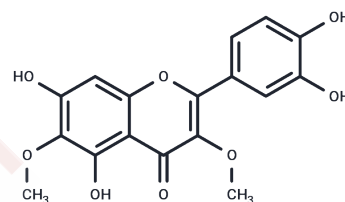
CAS No. : 5188-73-8

Formula: C<sub>17</sub>H<sub>14</sub>O<sub>8</sub>

Molecular Weight: 346.29

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	Axillarin has antioxidant activity, it shows xanthine oxidase inhibitory activity ( IC <sub>50</sub> ) : 36.0 uM). Axillarin can strongly protect primary cultured neurons against glutamate-induced oxidative stress.
Targets(IC <sub>50</sub> )	Reactive Oxygen Species

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8878 mL	14.4388 mL	28.8775 mL
5 mM	0.5776 mL	2.8878 mL	5.7755 mL
10 mM	0.2888 mL	1.4439 mL	2.8878 mL
50 mM	0.0578 mL	0.2888 mL	0.5776 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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