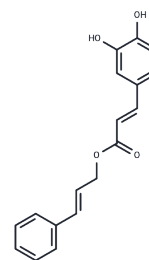


## Cinnamyl caffeate

## Chemical Properties

CAS No. :	115610-32-7
Formula:	C <sub>18</sub> H <sub>16</sub> O <sub>4</sub>
Molecular Weight:	296.32
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	Cinnamyl caffeate has cardiovascular protective effects, it can increase H9c2 cellular antioxidant potential, decrease intracellular calcium ion ([Ca <sup>2+</sup> ] <sub>i</sub> ) level, and prevent cell apoptosis; it possesses potent antiproliferative activity with the EC(50) value of 0.114 microM, toward colon 26-L5 carcinoma. Cinnamyl caffeate possesses potent NO inhibitory activity with the IC(50) value of 9.53 microM.
Targets(IC50)	Calcium Channel

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3747 mL	16.8737 mL	33.7473 mL
5 mM	0.6749 mL	3.3747 mL	6.7495 mL
10 mM	0.3375 mL	1.6874 mL	3.3747 mL
50 mM	0.0675 mL	0.3375 mL	0.6749 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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