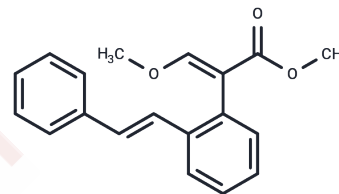


## MOA-stilbene

## Chemical Properties

CAS No. :	103455-29-4
Formula:	C <sub>19</sub> H <sub>18</sub> O <sub>3</sub>
Molecular Weight:	294.34
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	MOA-stilbene, also known as 3-Methoxy-2-(2-styrylphenyl)propenic acid methyl ester, is a fluorescence inhibitor. MOA-stilbene is a new tool for investigation of the reactions of the chloroplast cytochrome bf complex. MOA-stilbene is known to be a specific inhibitor of the Qo site of mammalian cytochrome bc 1 complex.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3974 mL	16.9872 mL	33.9743 mL
5 mM	0.6795 mL	3.3974 mL	6.7949 mL
10 mM	0.3397 mL	1.6987 mL	3.3974 mL
50 mM	0.0679 mL	0.3397 mL	0.6795 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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