

## methyl chlorogenate

## Chemical Properties

CAS No. : 29708-87-0

Formula: C<sub>17</sub>H<sub>20</sub>O<sub>9</sub>

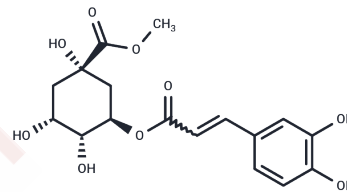
Molecular Weight: 368.34

Keep away from direct sunlight, Keep away from moisture

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	Methyl chlorogenate is isolated from Eriobotrya japonica which is the inhibitor of NFκB.
Targets(IC50)	NF-κB

## Solubility Information

Solubility	DMSO: 45 mg/mL (122.17 mM), Sonication is recommended. ( < 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7149 mL	13.5744 mL	27.1488 mL
5 mM	0.543 mL	2.7149 mL	5.4298 mL
10 mM	0.2715 mL	1.3574 mL	2.7149 mL
50 mM	0.0543 mL	0.2715 mL	0.543 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

Kwon HJ, Kang MJ, Kim HJ, Choi JS, Paik KJ, Chung HY. Inhibition of NFκB by methyl chlorogenate from Eriobotrya japonica. Mol Cells. 2000 Jun 30;10(3):241-6.

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