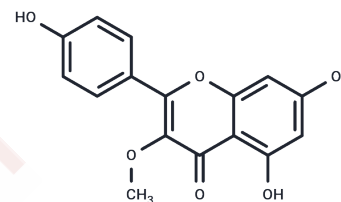


## Isokaempferide

## Chemical Properties

CAS No. :	1592-70-7
Formula:	C <sub>16</sub> H <sub>12</sub> O <sub>6</sub>
Molecular Weight:	300.26
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	Isokaempferide shows hepatoprotective, antiproliferative, and anti-inflammatory effects, the anti-inflammatory effects can be explained, at least in part, by reducing neutrophil degranulation, myeloperoxidase activity, mediators as well as TNF-alpha secretion. Isokaempferide is used as a bronchodilator, can induce relaxation of guinea-pig isolated trachea.
Targets(IC50)	ATPase, Calcium Channel, Potassium Channel, Prostaglandin Receptor, TNF

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3304 mL	16.6522 mL	33.3045 mL
5 mM	0.6661 mL	3.3304 mL	6.6609 mL
10 mM	0.333 mL	1.6652 mL	3.3304 mL
50 mM	0.0666 mL	0.333 mL	0.6661 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.

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