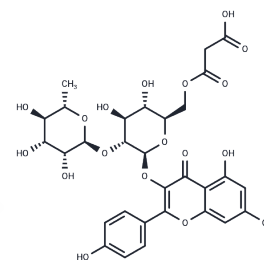


## Kaempferol 3-O-(2''-O- $\alpha$ -rhamnosyl-6''-O-malonyl- $\beta$ -glucoside)

### Chemical Properties

CAS No. :	528606-92-0
Formula:	C <sub>30</sub> H <sub>32</sub> O <sub>18</sub>
Molecular Weight:	680.57
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



### Biological Description

Description	Kaempferol 3-O-(2''-O- $\alpha$ -rhamnosyl-6''-O-malonyl- $\beta$ -glucoside) is a natural flavonoid glycoside compound isolated from the petals of butterfly pea ( <i>Clitoria ternatea</i> ) that can be used in research on metabolic diseases, cardiovascular diseases, and cancer prevention.
Targets(IC50)	Others

### Solubility Information

Solubility	DMSO: 80.00 mg/mL (117.55 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	1.4694 mL	7.3468 mL	14.6936 mL
5 mM	0.2939 mL	1.4694 mL	2.9387 mL
10 mM	0.1469 mL	0.7347 mL	1.4694 mL
50 mM	0.0294 mL	0.1469 mL	0.2939 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

Kohei Kazuma, et al. Malonylated flavonol glycosides from the petals of *Clitoria ternatea*. *Phytochemistry*. 2003 Jan;62(2):229-37.

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