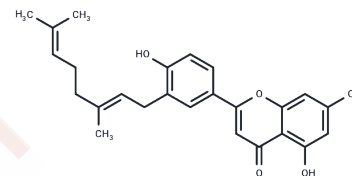


## Kuwanon S

## Chemical Properties

CAS No. :	100187-67-5
Formula:	C <sub>25</sub> H <sub>26</sub> O <sub>5</sub>
Molecular Weight:	406.47
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	Kuwanon S is a natural flavonoid found in <i>Morus alba</i> that is used in organic synthesis and biochemical experiments.
Targets(IC50)	Others,HSV
In vitro	Kuwanon S, a flavonoid isolated from the root bark of <i>Morus alba</i> , was tested for antiviral activity against herpes simplex virus type 1 (HSV-1) in Vero cells. Kuwanon S showed no significant inhibitory effect, with an IC <sub>50</sub> value greater than 100 µg/mL, indicating weak or no antiviral activity in vitro[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4602 mL	12.301 mL	24.6021 mL
5 mM	0.492 mL	2.4602 mL	4.9204 mL
10 mM	0.246 mL	1.2301 mL	2.4602 mL
50 mM	0.0492 mL	0.246 mL	0.492 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

Du J, He ZD, Jiang RW, Ye WC, Xu HX, But PP. Antiviral flavonoids from the root bark of *Morus alba* L. *Phytochemistry*. 2003 Apr;62(8):1235-8.

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