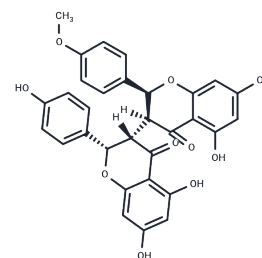


## Sikokianin A

## Chemical Properties

CAS No. :	106293-99-6
Formula:	C <sub>31</sub> H <sub>24</sub> O <sub>10</sub>
Molecular Weight:	556.523
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	Sikokianin A shows in vitro antiviral activity against HBsAg secretion.
Targets(IC50)	Antifungal
In vitro	Two new C-3/C-3'' biflavanones, chamaejasmenin D (1) and isochamaejasmenin B (2), were isolated from the roots of <i>Stellera chamaejasme</i> , together with five known biflavanones, chamaejasmenin A (3), chamaejasmenin B (4), neochamaejasmin A (5), Sikokianin A (6), and chamaejasmenin C (7). METHODS AND RESULTS: Their structures were elucidated by spectroscopic methods, including 2D NMR techniques. Among these compounds, 1-3 demonstrated potent antimitotic and antifungal activity with minimum inhibitory concentration (MIC) values of 6.25, 6.25, and 3.12 microg/ml, respectively.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7969 mL	8.9844 mL	17.9688 mL
5 mM	0.3594 mL	1.7969 mL	3.5938 mL
10 mM	0.1797 mL	0.8984 mL	1.7969 mL
50 mM	0.0359 mL	0.1797 mL	0.3594 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

Antimitotic and antifungal C-3/C-3''-biflavanones from *Stellera chamaejasme*. Chem Pharm Bull (Tokyo). 2005 Jul; 53(7):776-9.

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