

## Vitexin 2''-O-p-coumarate

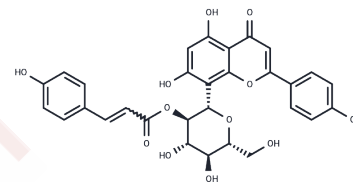
## Chemical Properties

CAS No. : 59282-55-2

Formula: C<sub>30</sub>H<sub>26</sub>O<sub>12</sub>

Molecular Weight: 578.52

Storage: Store at low temperature, Keep away from direct sunlight  
 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	Vitexin 2''-O-p-coumarate (Vitexin2''-O-p-coumarate) is found in fenugreek seeds and promotes 2BS cell proliferation induced by H <sub>2</sub> O <sub>2</sub> .
Targets(IC <sub>50</sub> )	Others

## Solubility Information

Solubility	DMSO: 100 mg/mL (172.85 mM), Sonication and heating are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7285 mL	8.6427 mL	17.2855 mL
5 mM	0.3457 mL	1.7285 mL	3.4571 mL
10 mM	0.1729 mL	0.8643 mL	1.7285 mL
50 mM	0.0346 mL	0.1729 mL	0.3457 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

Wang GR, et al. New flavonoids with 2BS cell proliferation promoting effect from the seeds of *Trigonella foenum-graecum* L. *J Nat Med.* 2010 Jul;64(3):358-61.

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