

## Vitexin arginine

## Chemical Properties

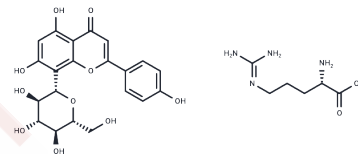
CAS No. :

Formula: C<sub>27</sub>H<sub>34</sub>N<sub>4</sub>O<sub>12</sub>

Molecular Weight: 606.58

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	Vitexin arginine is a natural c-glycosylated flavone isolated from various medicinal plants species, with anti-oxidant, anti-cancer, anti-inflammatory, anti-hyperalgesic, and neuroprotective effects.
Targets(IC50)	Others
In vivo	Vitexin has neuroprotective effects on seizures caused by pentylenetetrazole, memory disorders caused by pol-base and neuronal excitatory toxicity caused by glutamic acid [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6486 mL	8.2429 mL	16.4859 mL
5 mM	0.3297 mL	1.6486 mL	3.2972 mL
10 mM	0.1649 mL	0.8243 mL	1.6486 mL
50 mM	0.033 mL	0.1649 mL	0.3297 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

- He M, et al. A review on the pharmacological effects of vitexin and isovitexin. *Fitoterapia*. 2016 Dec;115:74-85.  
 Lima LKF, et al. A Brief Review on the Neuroprotective Mechanisms of Vitexin. *Biomed Res Int*. 2018 Dec 5;2018: 4785089.

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