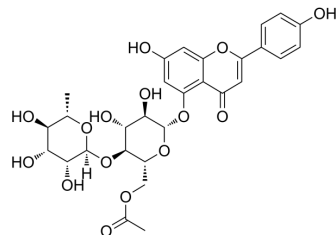


## Camellianin A

Cat. No.:	HY-N2298
CAS No.:	109232-77-1
Molecular Formula:	C <sub>29</sub> H <sub>32</sub> O <sub>15</sub>
Molecular Weight:	620.56
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Camellianin A, the main flavonoid in *A. nitida* leaves, displays anticancer activity and angiotensin converting enzyme (ACE)-inhibitory activity. Camellianin A inhibits the proliferation of the human Hep G2 and MCF-7 cell lines and induces the significant increase of the G0/G1 cell population<sup>[1][2]</sup>.

### REFERENCES

[1]. Gao H, et al. Anti-proliferative effect of camellianin A in *Adinandra nitida* leaves and its apoptotic induction in human Hep G2 and MCF-7 cells. *Molecules*. 2010 May 28;15(6):3878-86.

[2]. Liu B, et al. Antioxidant and angiotensin converting enzyme (ACE) inhibitory activities of ethanol extract and pure flavonoids from *Adinandra nitida* leaves. *Pharm Biol*. 2010 Dec;48(12):1432-8.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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