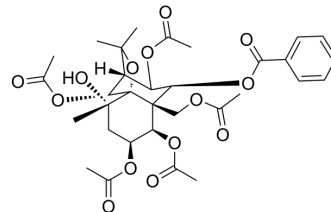


## Celangulin

Cat. No.:	HY-N7875
CAS No.:	116159-73-0
Molecular Formula:	C <sub>32</sub> H <sub>40</sub> O <sub>14</sub>
Molecular Weight:	648.65
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Celangulin is an insecticidal component isolated from *Celastrus angulatus*. Celangulin activates the calcium channel on the plasma membrane with increasing the intracellular Ca<sup>2+</sup> after influx from the external. Celangulin activates the calcium channel in the ER<sup>[1]</sup>.

### REFERENCES

[1]. Li Y, et al. Modulation of the Ca(2+)signaling pathway by celangulin I in the central neurons of *Spodoptera exigua*. *Pestic Biochem Physiol.* 2016 Feb;127:76-81.

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

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