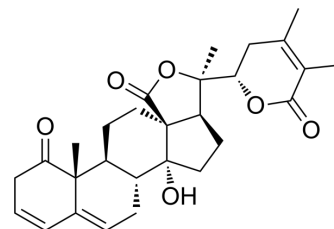


## Withaphysalin D

Cat. No.:	HY-N11061
CAS No.:	91599-21-2
Molecular Formula:	C <sub>28</sub> H <sub>34</sub> O <sub>6</sub>
Molecular Weight:	466.57
Target:	iGluR
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Withaphysalin D is a selective antagonist against the N-methyl-D-aspartate receptor (NMDAR) containing GluN2B. Withaphysalin D can be isolated from water lilies and has neuroprotective properties. Withaphysalin D is able to cross the blood-brain barrier<sup>[1]</sup>.

### REFERENCES

[1]. Kumar G, et al. Exploring neuroprotective potential of Withania somnifera phytochemicals by inhibition of GluN2B-containing NMDA receptors: An in silico study. Med Hypotheses. 2016 Jul;92:35-43.

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

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