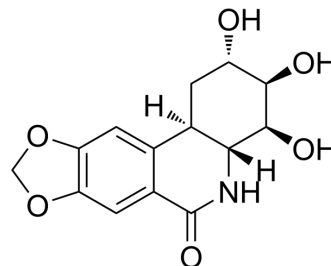


## 7-Deoxy-trans-dihydronarciclasine

Cat. No.:	HY-N12249
CAS No.:	145987-74-2
Molecular Formula:	C <sub>14</sub> H <sub>15</sub> NO <sub>6</sub>
Molecular Weight:	293.27
Target:	Amyloid-β; TMV
Pathway:	Neuronal Signaling; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

7-Deoxy-trans-dihydronarciclasine, an alkaloid, is a tobacco mosaic virus (TMV) inhibitor (IC<sub>50</sub>: 1.80 μM). 7-Deoxy-trans-dihydronarciclasine is an anti-neuroinflammatory agent. 7-Deoxy-trans-dihydronarciclasine decreases the Aβ and APP levels in the cerebral cortex of Tg2576 mice<sup>[1][2][3]</sup>.

### REFERENCES

- [1]. Wang YH, et al. Benzylphenethylamine alkaloids from *Hosta plantaginea* with inhibitory activity against tobacco mosaic virus and acetylcholinesterase. *J Nat Prod.* 2007 Sep;70(9):1458-61.
- [2]. Zhao D, et al. 7-Deoxy-trans-dihydronarciclasine Isolated from *Lycoris chejuensis* Inhibits Neuroinflammation in Experimental Models. *J Agric Food Chem.* 2019 Sep 4;67(35):9796-9804.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA