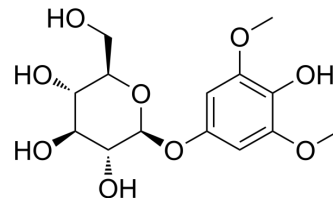


## Koaburaside

Cat. No.:	HY-N3421
CAS No.:	41653-73-0
Molecular Formula:	C <sub>14</sub> H <sub>20</sub> O <sub>9</sub>
Molecular Weight:	332.3
Target:	Interleukin Related; TNF Receptor; Influenza Virus
Pathway:	Immunology/Inflammation; Apoptosis; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Koaburaside is a cytoprotective and anti-inflammatory natural compound. Koaburaside shows antioxidant activity with an IC<sub>50</sub> of 9.0 μM for DPPH-free radical scavenging assay. Koaburaside inhibits histamine release and expressions of IL-6 and TNF-α in human mast cells. Koaburaside also effectively inhibits influenza A neuraminidase<sup>[1]</sup>.

### REFERENCES

- [1]. He Y, et al. Phenolic compounds from *Eurycorymbus cavaleriei*. *J Asian Nat Prod Res.* 2011 Jun;13(6):575-80.
- [2]. Subedi L, et al. Anti-neuroinflammatory and neuroprotective effects of the *Lindera neesiana* fruit in vitro. *Phytomedicine.* 2016 Jul 15;23(8):872-81.
- [3]. Choi HG, et al. Phenolic glycosides from *Lindera obtusiloba* and their anti-allergic inflammatory activities. *Nat Prod Commun.* 2013 Feb;8(2):181-2.

**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