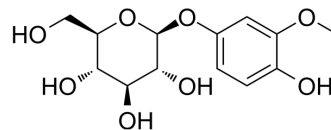


## Tachioside

Cat. No.:	HY-N1186
CAS No.:	109194-60-7
Molecular Formula:	C <sub>13</sub> H <sub>18</sub> O <sub>8</sub>
Molecular Weight:	302.28
Target:	Glucosidase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Tachioside inhibits nitric oxide production in lipopolysaccharide (HY-D1056)-stimulated RAW 264.7 cells with IC<sub>50</sub> value of 12.14 μM. Tachioside has anti-obesity, antioxidant and α-glucosidase inhibitory activities<sup>[1][2]</sup>.

### REFERENCES

[1]. Tian EL, et al. Phenolic glycosides from *Glycosmis pentaphylla*. *J Asian Nat Prod Res.* 2014 Dec;16(12):1119-25.

[2]. Luyen BT, et al. A new phenylpropanoid and an alkylglycoside from *Piper retrofractum* leaves with their antioxidant and α-glucosidase inhibitory activity. *Bioorg Med Chem Lett.* 2014 Sep 1;24(17):4120-4.

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

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