



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

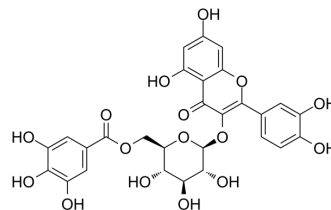
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Quercetin 3-O-(6''-O-galloyl)- $\beta$ -D-glucoside

Cat. No.:	HY-N7989
CAS No.:	56316-75-7
Molecular Formula:	C <sub>28</sub> H <sub>24</sub> O <sub>16</sub>
Molecular Weight:	616.48
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Quercetin 3-O-(6''-O-galloyl)- $\beta$ -D-glucoside (Tellimoside) is a flavonol glycoside with strong inhibitory activity against the growth of <i>Microcystis aeruginosa</i> <sup>[1]</sup> .
<b>In Vitro</b>	Although Quercetin 3-O-(6''-O-galloyl)- $\beta$ -D-glucoside (Tellimoside) has the quercetin moiety as the aglycone of the glucoside, it inhibits the growth of <i>M.aeruginosa</i> far beyond the inhibition shown in Quercetin. The sugar and galloyl groups of Tellimoside increase the polarity of the compound such that the glycoside moves more easily to <i>M. aeruginosa</i> in the aquatic system <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Min-Kyung Lee, et al. Tellimoside, a flavonol glycoside from *Brasenia schreberi*, inhibits the growth of cyanobacterium (*Microcystis aeruginosa* LB 2385). *Journal of the Korean Society for Applied Biological Chemistry* volume 56, pages 117-121 (2013).

**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