



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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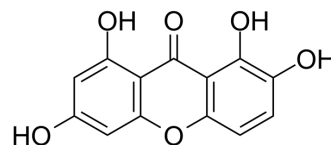
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Norswertianin

Cat. No.:	HY-N9341
CAS No.:	22172-15-2
Molecular Formula:	C ₁₃ H ₈ O ₆
Molecular Weight:	260.2
Target:	Autophagy
Pathway:	Autophagy
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Norswertianin, a xanthone compound, serves as a powerful anti-glioma compound. Norswertianin induces GBM cells differentiation through oxidative stress and Akt/mTOR dependent autophagy ^[1] .
In Vitro	Norswertianin (12.5-50 μM; 48 hours) stimulates expression of GFAP and β-tubulin in U251 cells ^[1] . Norswertianin (40 μM; 48 hours) causes the appearance of elongated processes in U251 cells, associated with G2/M cell cycle arrest ^[1] . Norswertianin (40 μM; 48 hours) exhibits an increase in intracellular acidification and LC3 conversion ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Gordana Tovilovic-Kovacevic, et al. Xanthone-rich extract from *Gentiana dinarica* transformed roots and its active component norswertianin induce autophagy and ROS-dependent differentiation of human glioblastoma cell line. *Phytomedicine*

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

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