



# 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

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

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

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

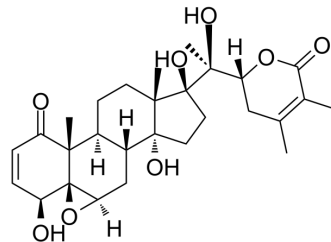
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

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

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

## 4 $\beta$ -Hydroxywithanolide E

Cat. No.:	HY-N7661
CAS No.:	54334-04-2
Molecular Formula:	C <sub>28</sub> H <sub>38</sub> O <sub>8</sub>
Molecular Weight:	502.6
Target:	PPAR
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

4 $\beta$ -Hydroxywithanolide E, isolated from *Physalis peruviana* L., inhibits adipocyte differentiation of 3T3-L1 cells through modulation of mitotic clonal expansion. 4 $\beta$ -Hydroxywithanolide E is an adipogenesis inhibitor and inhibits PPAR $\gamma$ , C/EBP $\alpha$ , and the adipocyte-specific molecule aP2 mRNA expression<sup>[1]</sup>.

### REFERENCES

[1]. Momochika Kumagai, et al. 4 $\beta$ -Hydroxywithanolide E and withanolide E from *Physalis peruviana* L. inhibit adipocyte differentiation of 3T3-L1 cells through modulation of mitotic clonal expansion. *J Nat Med.* 2021 Jan;75(1):232-239.

**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