



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

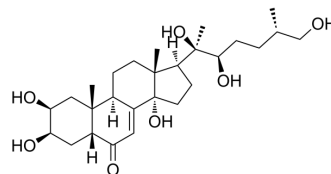
mail@szabo-scandic.com

www.szabo-scandic.com

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

25S-Inokosterone

Cat. No.:	HY-N4130
CAS No.:	19595-18-7
Molecular Formula:	C ₂₇ H ₄₄ O ₇
Molecular Weight:	480.63
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	25S-Inokosterone is a phytoecdysone in the roots of two same species of <i>A. bidentata</i> Blume and <i>A. japonica</i> Nakai, and two different species of <i>C. capitata</i> Moq and <i>C. officinalis</i> Kuan. 25S-Inokosterone has the potential for the LPS-induced acute kidney injury research ^{[1][2]} .
In Vitro	25S-Inokosterone (10 μM) significantly promotes the proliferation of LPS-induced NRK52e cells (1.0 μg/mL LPS). 25S-Inokosterone significantly reduces the rate of NRK52e cells apoptosis ^[1] . 25S-Inokosterone shows weak inhibitory activity for thymus and activation-regulated chemokine expression levels in TNF-α plus IFN-γ induced HaCaT cells. 25S-Inokosterone exhibits the most potent inhibition (80-95% at 200 μg/mL) against TNF-α expression levels in A23187 plus phorbol-myristate acetate-induced RBL-2H3 cells ^[3] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Shengchao Wang, et al. Raw and salt-processed *Achyranthes bidentata* attenuate LPS-induced acute kidney injury by inhibiting ROS and apoptosis via an estrogen-like pathway. *Biomed Pharmacother*
- [2]. Bing Tian Zhao, et al. High performance liquid chromatography used for quality control of *Achyranthis Radix*. *Arch Pharm Res*. 2012 Aug;35(8):1449-55.
- [3]. K. Kim, et al. Phytoecdysones from the Roots of *Achyranthes japonica* Nakai and their Anti-atopy Activity. *J Appl Biol Chem* (2015) 58(1), 13-19.

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