



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

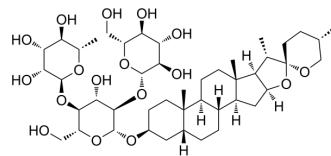
mail@szabo-scandic.com

www.szabo-scandic.com

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

Shatavarin IV

Cat. No.:	HY-N8804
CAS No.:	84633-34-1
Molecular Formula:	C ₄₅ H ₇₄ O ₁₇
Molecular Weight:	887.06
Target:	Reactive Oxygen Species
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Shatavarin IV is a steroidal saponin, that can be isolated from the roots of <i>Asparagus racemosus</i> (Liliaceae). Shatavarin IV shows anticancer activity. Shatavarin IV elicits lifespan extension and alleviates Parkinsonism in <i>Caenorhabditis elegans</i> ^[1] .
In Vivo	Shatavarin IV (50 μM) reduces the accumulation of intracellular lipofuscin in <i>C. elegans</i> ^[1] . Shatavarin IV (0-100 μM) reduces ROS level in <i>C. elegans</i> ^[1] . Shatavarin IV (50 μM) significantly increases the mRNA expression of stress responsive genes in <i>C. elegans</i> , namely <i>sod-1</i> , <i>sod-2</i> , <i>sod-3</i> , <i>gst-4</i> , <i>gst-7</i> and <i>ctl-2</i> ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Smita SS, et al. Shatavarin IV elicits lifespan extension and alleviates Parkinsonism in *Caenorhabditis elegans*. *Free Radic Res.* 2017 Dec;51(11-12):954-969.

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