



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

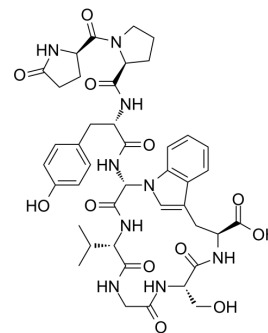
mail@szabo-scandic.com

www.szabo-scandic.com

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

Lyciumin A

Cat. No.:	HY-N9528
CAS No.:	125708-06-7
Molecular Formula:	C ₄₂ H ₅₁ N ₉ O ₁₂
Molecular Weight:	873.91
Target:	Angiotensin-converting Enzyme (ACE); Renin
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description	Lyciumin A, a cyclic octapeptide, exhibits inhibitory activity on proteases, renin and angiotensin-converting enzyme. Lyciumin A can be used for the research of hypertension ^{[1][2]} .
IC ₅₀ & Target	proteases ^[2] , renin ^[2] , angiotensin-converting enzyme ^[2]
In Vitro	Lyciumin A inhibits renin activities by 19.4% (40 µg/mL). MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Kersten RD, et, al. Gene-guided discovery and engineering of branched cyclic peptides in plants. Proc Natl Acad Sci U S A. 2018 Nov 13;115(46):E10961-E10969.
- [2]. Rubin GM, et, al. Recent advances in the biosynthesis of RiPPs from multicore-containing precursor peptides. J Ind Microbiol Biotechnol. 2020 Oct;47(9-10):659-674.

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