



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

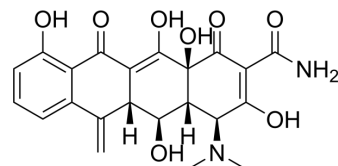
www.szabo-scandic.com

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



Methacycline

Cat. No.:	HY-W587701
CAS No.:	914-00-1
Molecular Formula:	C ₂₂ H ₂₂ N ₂ O ₈
Molecular Weight:	442.42
Target:	Bacterial; Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Methacycline is a tetracycline antibiotic that inhibits bacterial protein synthesis. Methacycline is a potent inhibitor of epithelial-to-mesenchymal transition (EMT). Methacycline blocks EMT in vitro and inhibits fibrogenesis in vivo without directly affecting TGF-β1 Smad signaling. Methacycline is an antimicrobial agent with potential for use in pulmonary fibrosis research^[1].

CUSTOMER VALIDATION

- EBioMedicine. 2022 Apr;78:103943.
- SLAS Discov. 2020 Sep;25(8):895-905.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Ying Xi, et al. Inhibition of epithelial-to-mesenchymal transition and pulmonary fibrosis by methacycline. Am J Respir Cell Mol Biol. 2014 Jan;50(1):51-60.

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