



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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

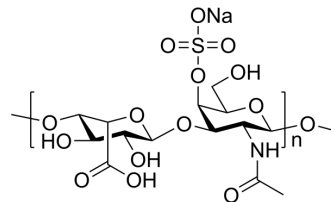
mail@szabo-scandic.com

www.szabo-scandic.com

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

Dermatan sulphate sodium

Cat. No.:	HY-N8278
CAS No.:	54328-33-5
Target:	Thrombin
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



BIOLOGICAL ACTIVITY

Description

Dermatan sulphate sodium is a glycosaminoglycan and thrombin inactivator with antithrombotic activity. Dermatan sulphate sodium selectively catalyzes the inactivation of thrombin by heparin cofactor II and does not interact with antithrombin III. Dermatan sulphate sodium is highly bioavailable and also reduces Bleomycin (HY-108345)-induced pulmonary fibrosis damage^{[1][2]}.

REFERENCES

- [1]. Nenci GG. Dermatan sulphate as an antithrombotic drug. *Pathophysiol Haemost Thromb*. 2002 Sep-Dec;32(5-6):303-7.
- [2]. Xu J, et al. Effect of dermatan sulphate on a C57-mouse model of pulmonary fibrosis. *J Int Med Res*. 2019 Jun;47(6):2655-2665.

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