



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 Handels GmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

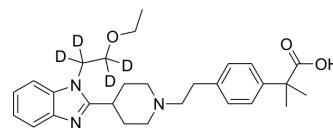
mail@szabo-scandic.com

www.szabo-scandic.com

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

Bilastine-d₄

Cat. No.:	HY-14447S1
CAS No.:	2747918-37-0
Molecular Formula:	C ₂₈ H ₃₃ D ₄ N ₃ O ₃
Molecular Weight:	467.64
Target:	Isotope-Labeled Compounds; Histamine Receptor
Pathway:	Others; GPCR/G Protein; Immunology/Inflammation; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Bilastine-d₄ is deuterium labeled Bilastine. Bilastine is an oral histamine H₁-receptor antagonist. Bilastine can be used for allergic rhinitis and urticaria studies, and it also improves diabetic nephropathy in mice, showing safety for the central nervous system^{[1][2][3][4][5]}.

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. *Ann Pharmacother*. 2019 Feb;53(2):211-216.
- [2]. C. Bachert, et al. Bilastine in allergic rhinoconjunctivitis and urticaria. *Allergy*. 19 May 2010
- [3]. María Luisa Lucero, et al. Preclinical toxicity profile of oral bilastine. *Drug Chem Toxicol*. 2012 Jun;35 Suppl 1:25-33.
- [4]. Roberta Verta, et al. Effect of Bilastine on Diabetic Nephropathy in DBA2/J Mice. *Int J Mol Sci*. 2019 May 24;20(10):2554.
- [5]. J Montoro, et al. Bilastine and the central nervous system. *J Investig Allergol Clin Immunol*. *J Investig Allergol Clin Immunol*

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