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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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

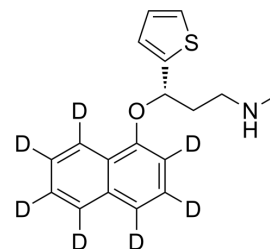
mail@szabo-scandic.com

www.szabo-scandic.com

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

Duloxetine-d₇ hydrochloride

Cat. No.:	HY-B0161AS1
Molecular Formula:	C ₁₈ H ₁₃ D ₇ ClNOS
Molecular Weight:	340.92
Target:	Isotope-Labeled Compounds; Serotonin Transporter
Pathway:	Others; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



HCl

BIOLOGICAL ACTIVITY

Description

Duloxetine-d₇ hydrochloride ((S)-Duloxetine-d₇ hydrochloride) is the deuterium labeled Duloxetine hydrochloride (HY-B0161A). Duloxetine hydrochloride ((S)-Duloxetine hydrochloride) is a serotonin-norepinephrine reuptake inhibitor (SNRI) with a K_i of 4.6 nM, used for treatment of major depressive disorder and generalized anxiety disorder (GAD)^{[1][2]}.

REFERENCES

- [1]. Redrobe JP, et al. Dose-dependent noradrenergic and serotonergic properties of venlafaxine in animal models indicative of antidepressant activity. *Psychopharmacology (Berl)*. 1998 Jul;138(1):1-8.
- [2]. Deecher DC, et al. Desvenlafaxine succinate: A new serotonin and norepinephrine reuptake inhibitor. *J Pharmacol Exp Ther*. 2006 Aug;318(2):657-65. Epub 2006 May 4.

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