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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



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

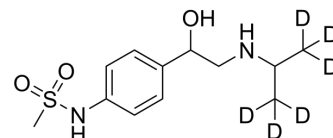
mail@szabo-scandic.com

www.szabo-scandic.com

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

Sotalol-d₆ hydrochloride

Cat. No.:	HY-B0437AS
CAS No.:	1246820-85-8
Molecular Formula:	C ₁₂ H ₁₅ D ₆ ClN ₂ O ₃ S
Molecular Weight:	314.86
Target:	Adrenergic Receptor; Potassium Channel
Pathway:	GPCR/G Protein; Neuronal Signaling; Membrane Transporter/Ion Channel
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



H-Cl

BIOLOGICAL ACTIVITY

Description

Sotalol-d₆ (hydrochloride) is a deuterium labeled Sotalol hydrochloride. Sotalol hydrochloride is an orally active, non-selective competitive β-adrenergic receptor blocker. Sotalol hydrochloride is a potent antiarrhythmic agent that can be used for the research of pediatric arrhythmias. Sotalol hydrochloride blocks β-receptors, and potassium KCNH2 channels[1][2].

REFERENCES

- [1]. Marta Reyes-Corral, et al. Differential Free Intracellular Calcium Release by Class II Antiarrhythmics in Cancer Cell Lines. J Pharmacol Exp Ther. 2019 Apr;369(1):152-162.
- [2]. Xiaomei Li, et al. Pediatric Dosing of Intravenous Sotalol Based on Body Surface Area in Patients with Arrhythmia. Pediatr Cardiol. 2017 Oct;38(7):1450-1455.

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