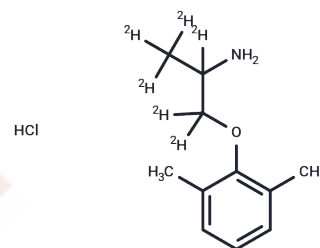


Mexiletine-D6 hydrochloride

Chemical Properties

CAS No. :	1329835-60-0
Formula:	C ₁₁ H ₁₈ ClNO
Molecular Weight:	221.76
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Mexiletine-D6 hydrochloride is a non-selective voltage-gated sodium channel blocker, is a Class IB antiarrhythmic.
Targets(IC50)	Sodium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.5094 mL	22.5469 mL	45.0938 mL
5 mM	0.9019 mL	4.5094 mL	9.0188 mL
10 mM	0.4509 mL	2.2547 mL	4.5094 mL
50 mM	0.0902 mL	0.4509 mL	0.9019 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Mori K, et al. Inhibitory effects of class I and IV antiarrhythmic drugs on the Na⁺-activated K⁺ channel current in guinea pig ventricular cells. *Naunyn Schmiedeberg's Arch Pharmacol.* 1998 Dec;358(6):641-8.

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