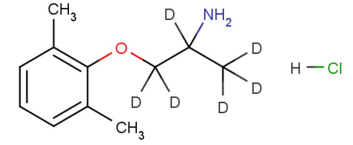


Data Sheet (Cat.No.T12023)

Mexiletine D6 hydrochloride

Chemical Properties

CAS No.:	1329835-60-0
Formula:	C ₁₁ H ₁₂ D ₆ ClNO
Molecular Weight:	221.76
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Mexiletine D6 hydrochloride is a non-selective voltage-gated sodium channel blocker, is a Class IB antiarrhythmic.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.509 mL	22.547 mL	45.094 mL
5 mM	0.902 mL	4.509 mL	9.019 mL
10 mM	0.451 mL	2.255 mL	4.509 mL
50 mM	0.09 mL	0.451 mL	0.902 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. 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.

Inhibitors · Natural Compounds · Compound Libraries

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