

Dibucaine-d9 hydrochloride

Chemical Properties

CAS No. :	1215713-38-4
Formula:	C ₂₀ H ₃₀ ClN ₃ O ₂
Molecular Weight:	388.98
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Dibucaine-d9hydrochloride (Cinchocaine-d9hydrochloride) is the deuterium-labeled form of Dibucaine hydrochloride. Dibucaine hydrochloride (Cinchocaine hydrochloride) acts as a sodium channel inhibitor and is an effective SChE inhibitor.
Targets(IC50)	Sodium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5708 mL	12.8541 mL	25.7083 mL
5 mM	0.5142 mL	2.5708 mL	5.1417 mL
10 mM	0.2571 mL	1.2854 mL	2.5708 mL
50 mM	0.0514 mL	0.2571 mL	0.5142 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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