

## Lidocaine-D6 hydrochloride

## Chemical Properties

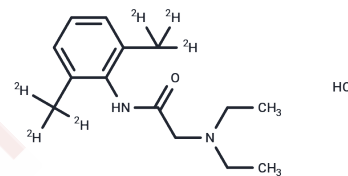
CAS No. :

Formula: C<sub>14</sub>H<sub>17</sub>D<sub>6</sub>ClN<sub>2</sub>O

Molecular Weight: 276.84

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

Lidocaine-D6 hydrochloride is a deuterated compound of Lidocaine hydrochloride. Lidocaine hydrochloride has a CAS number of 73-78-9. Lidocaine hydrochloride (T1144) is a local anesthetic and cardiac depressant used as an antiarrhythmic agent. Its actions are more intense and its effects more prolonged than those of PROCAINE but its duration of action is shorter than that of BUPIVACAINE or PRILOCAINE.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6122 mL	18.061 mL	36.1219 mL
5 mM	0.7224 mL	3.6122 mL	7.2244 mL
10 mM	0.3612 mL	1.8061 mL	3.6122 mL
50 mM	0.0722 mL	0.3612 mL	0.7224 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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