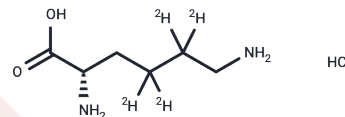


## L-Lysine-4,4,5,5-D4 hydrochloride

### Chemical Properties

CAS No. :	284664-96-6
Formula:	C <sub>6</sub> H <sub>11</sub> D <sub>4</sub> ClN <sub>2</sub> O <sub>2</sub>
Molecular Weight:	186.67
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	L-Lysine-4,4,5,5-D4 hydrochloride is a deuterated compound of L-Lysine Hydrochloride (T8071). L-Lysine Hydrochloride has a CAS number of 657-27-2. L-lysine hydrochloride is an essential amino acid for humans with various benefits including treating herpes, increasing calcium absorption, reducing diabetes-related illnesses and improving gut health.
Targets(IC50)	Endogenous Metabolite,Virus Protease

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.357 mL	26.7852 mL	53.5705 mL
5 mM	1.0714 mL	5.357 mL	10.7141 mL
10 mM	0.5357 mL	2.6785 mL	5.357 mL
50 mM	0.1071 mL	0.5357 mL	1.0714 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.

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