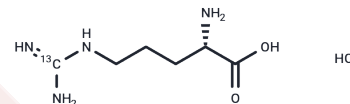


## L-Arginine-13C hydrochloride

### Chemical Properties

CAS No. : 94740-43-9  
 Formula: C<sub>6</sub>H<sub>15</sub>ClN<sub>4</sub>O<sub>2</sub>  
 Molecular Weight: 211.66  
 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	L-Arginine-13C hydrochloride is the L-Arginine hydrochloride (T0670) labeled with carbon-13. L-Arginine hydrochloride (S)-(+)-Arginine hydrochloride acts as a nitrogen donor in the synthesis of nitric oxide and serves as a vasodilator.
Targets(IC50)	Endogenous Metabolite,NO Synthase

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.7246 mL	23.6228 mL	47.2456 mL
5 mM	0.9449 mL	4.7246 mL	9.4491 mL
10 mM	0.4725 mL	2.3623 mL	4.7246 mL
50 mM	0.0945 mL	0.4725 mL	0.9449 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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