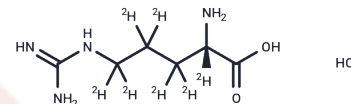


L-Arginine-D7 hydrochloride

Chemical Properties

CAS No. : 204244-77-9
 Formula: C₆H₁₅ClN₄O₂
 Molecular Weight: 217.71
 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-D7 hydrochloride is the deuterated form of L-Arginine hydrochloride. L-Arginine hydrochloride (T0670) ((S)- (+)-Arginine hydrochloride) serves as a nitrogen donor in the synthesis of nitric oxide and acts as a vasodilator.
Targets(IC50)	Endogenous Metabolite,NO Synthase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.5933 mL	22.9663 mL	45.9327 mL
5 mM	0.9187 mL	4.5933 mL	9.1865 mL
10 mM	0.4593 mL	2.2966 mL	4.5933 mL
50 mM	0.0919 mL	0.4593 mL	0.9187 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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