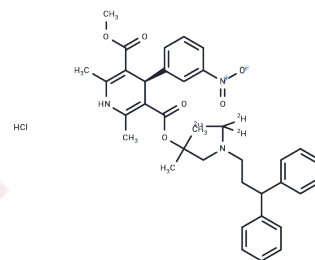


## (R)-Lercanidipine-D3 hydrochloride

### Chemical Properties

CAS No. : 1217724-52-1  
 Formula: C<sub>36</sub>H<sub>42</sub>ClN<sub>3</sub>O<sub>6</sub>  
 Molecular Weight: 651.21  
 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	(R)-Lercanidipine-D3 hydrochloride is a deuterium labeled (R)-Lercanidipine hydrochloride (T12626). (R)-Lercanidipine D3 (hydrochloride) is a calcium channel blocker.
Targets(IC50)	Calcium Channel

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5356 mL	7.678 mL	15.356 mL
5 mM	0.3071 mL	1.5356 mL	3.0712 mL
10 mM	0.1536 mL	0.7678 mL	1.5356 mL
50 mM	0.0307 mL	0.1536 mL	0.3071 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.

### Reference

Wirtz S, et al. Molecular mechanisms of vasoselectivity of the 1,4-dihydropyridine lercanidipine. Br J Pharmacol. 2004 May;142(2):275-84.

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