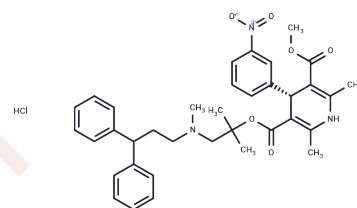


(R)-Lercanidipine hydrochloride

Chemical Properties

CAS No. :	187731-34-6
Formula:	C ₃₆ H ₄₂ ClN ₃ O ₆
Molecular Weight:	648.2
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 hydrochloride is the R-enantiomer of Lercanidipine and functions as a calcium channel blocker.
Targets(IC50)	Calcium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5427 mL	7.7137 mL	15.4273 mL
5 mM	0.3085 mL	1.5427 mL	3.0855 mL
10 mM	0.1543 mL	0.7714 mL	1.5427 mL
50 mM	0.0309 mL	0.1543 mL	0.3085 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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