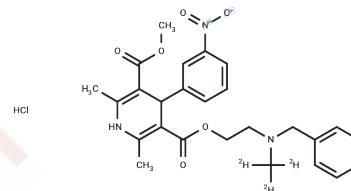


Nicardipine-D3 hydrochloride

Chemical Properties

CAS No. : 1432061-50-1
 Formula: C₂₆H₃₀ClN₃O₆
 Molecular Weight: 519
 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	Nicardipine-D3 hydrochloride is the deuterium labeled Nicardipine hydrochloride (T1215).
Targets(IC50)	Calcium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9268 mL	9.6339 mL	19.2678 mL
5 mM	0.3854 mL	1.9268 mL	3.8536 mL
10 mM	0.1927 mL	0.9634 mL	1.9268 mL
50 mM	0.0385 mL	0.1927 mL	0.3854 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

Charnet P, et al. Electrophysiological analysis of the action of nifedipine and nicardipine on myocardial fibers. *Fundam Clin Pharmacol.* 1987;1(6):413-31.

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