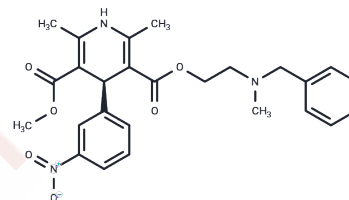


(S)-Nicardipine

Chemical Properties

CAS No. : 76093-36-2
 Formula: C₂₆H₂₉N₃O₆
 Molecular Weight: 479.53
 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	(S)-Nicardipine is the less active S enantiomer of Nicardipine. Nicardipine is a blocker of calcium channel(IC ₅₀ of 1 μM for blocking cardiac calcium channels).
Targets(IC ₅₀)	Others,Calcium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0854 mL	10.4269 mL	20.8538 mL
5 mM	0.4171 mL	2.0854 mL	4.1708 mL
10 mM	0.2085 mL	1.0427 mL	2.0854 mL
50 mM	0.0417 mL	0.2085 mL	0.4171 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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