

Lacidipine-D10

Chemical Properties

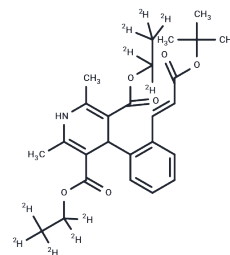
CAS No. :

Formula: C₂₆H₂₃D₁₀N₀O₆

Molecular Weight: 465.6

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

Lacidipine-D10 is a deuterated compound of Lacidipine. Lacidipine (T1439) has a CAS number of 103890-78-4. Lacidipine (T1439) is a lipophilic dihydropyridine calcium antagonist with an intrinsically slow onset of activity. Due to its long duration of action, lacidipine does not lead to reflex tachycardia. It displays specificity in the vascular smooth muscle, where it acts as an antihypertensive agent to dilate peripheral arterioles and reduce blood pressure.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1478 mL	10.7388 mL	21.4777 mL
5 mM	0.4296 mL	2.1478 mL	4.2955 mL
10 mM	0.2148 mL	1.0739 mL	2.1478 mL
50 mM	0.043 mL	0.2148 mL	0.4296 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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