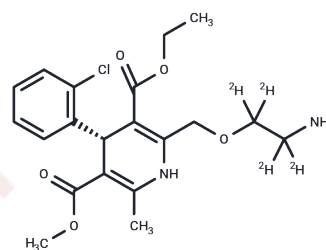


(S)-Amlodipine-D4

Chemical Properties

CAS No. :	1346617-19-3
Formula:	C ₂₀ H ₂₁ D ₄ ClN ₂ O ₅
Molecular Weight:	412.90
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)-Amlodipine-D4 is a deuterated compound of (S)-Amlodipine (T1545). (S)-Amlodipine has a CAS number of 103129-82-4. Levamlodipine belongs to the dihydropyridine group of calcium channel blockers. Levamlodipine, also known as S-amlodipine, is a pharmacologically active enantiomer of amlodipine, an antihypertensive and anti-anginal medication. The names S-amlodipine and levamlodipine may be used interchangeably as both substances are the same, however, with differing nomenclature. As a racemic mixture, amlodipine contains (R) and (S)-amlodipine isomers, but only (S)-amlodipine as the active moiety possesses therapeutic activity.
Targets(IC50)	Calcium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4219 mL	12.1095 mL	24.2189 mL
5 mM	0.4844 mL	2.4219 mL	4.8438 mL
10 mM	0.2422 mL	1.2109 mL	2.4219 mL
50 mM	0.0484 mL	0.2422 mL	0.4844 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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