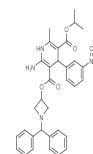


Azelnidipine

Chemical Properties

CAS No.:	123524-52-7
Formula:	C33H34N4O6
Molecular Weight:	582.65
Appearance:	Solid
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	Azelnidipine is a dihydropyridine used as calcium channel blocker.
Targets(IC ₅₀)	Calcium Channel: None

Solubility Information

Solubility	DMSO: 108 mg/mL (185.4 mM) Ethanol: 7 mg/mL (12.01 mM) Water: <1 mg/mL (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.716 mL	8.581 mL	17.163 mL
5 mM	0.343 mL	1.716 mL	3.433 mL
10 mM	0.172 mL	0.858 mL	1.716 mL
50 mM	0.034 mL	0.172 mL	0.343 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Kuramoto K, et al. Hypertens Res, 2003, 26(3), 201-208.
2. Wang N, et al. Int J Pharm, 2008, 351(1-2), 55-60.
3. Pan X, Li R, Guo H, et al. Dihydropyridine Calcium Channel Blockers Suppress the Transcription of PD-L1 by Inhibiting the Activation of STAT1[J]. Frontiers in Pharmacology. 2021, 11: 2233.

Inhibitors · Natural Compounds · Compound Libraries

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