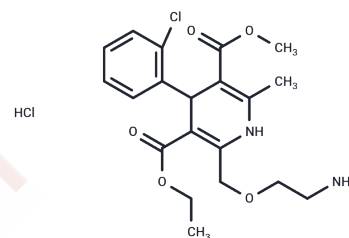


Amlodipine hydrochloride

Chemical Properties

CAS No. :	246852-07-3
Formula:	C ₂₀ H ₂₆ Cl ₂ N ₂ O ₅
Molecular Weight:	445.34
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	Amlodipine hydrochloride is a salt of Amlodipine --- a medication used to lower blood pressure and prevent chest pain.
Targets(IC50)	Others, Calcium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2455 mL	11.2274 mL	22.4548 mL
5 mM	0.4491 mL	2.2455 mL	4.491 mL
10 mM	0.2245 mL	1.1227 mL	2.2455 mL
50 mM	0.0449 mL	0.2245 mL	0.4491 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

- Gottwald-Hostalek U, Sun N, Barho C, Hildemann S. Management of Hypertension With a Fixed-Dose (Single-Pill) Combination of Bisoprolol and Amlodipine. Clin Pharmacol Drug Dev. 2017 Jan;6(1):9-18. doi: 10.1002/cpdd.309. Epub 2016 Oct 26. PubMed PMID: 27653022.
- van Zwieten PA. Amlodipine: an overview of its pharmacodynamic and pharmacokinetic properties. Clin Cardiol. 1994 Sep;17(9 Suppl 3):III3-6. Review. PubMed PMID: 9156957.

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