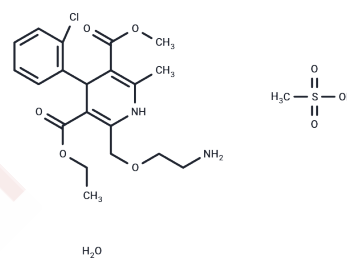


Amlodipine mesylate monohydrate

Chemical Properties

CAS No. :	440358-84-9
Formula:	C ₂₁ H ₃₁ ClN ₂ O ₉ S
Molecular Weight:	523
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 mesylate monohydrate is a salt of Amlodipine --- a medication used to lower blood pressure and prevent chest pain.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.912 mL	9.5602 mL	19.1205 mL
5 mM	0.3824 mL	1.912 mL	3.8241 mL
10 mM	0.1912 mL	0.956 mL	1.912 mL
50 mM	0.0382 mL	0.1912 mL	0.3824 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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