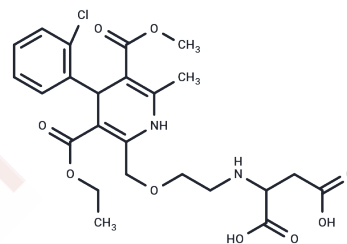


Amlodipine aspartic acid impurity

Chemical Properties

CAS No. :	400602-35-9
Formula:	C ₂₄ H ₂₉ ClN ₂ O ₉
Molecular Weight:	524.95
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Amlodipine aspartic acid is a calcium channel blocker compound that exhibits antihypertensive and antianginal properties. It is important to note that Amlodipine aspartic acid impurity is an impurity specific to this compound.
Targets(IC50)	Calcium Channel, Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9049 mL	9.5247 mL	19.0494 mL
5 mM	0.381 mL	1.9049 mL	3.8099 mL
10 mM	0.1905 mL	0.9525 mL	1.9049 mL
50 mM	0.0381 mL	0.1905 mL	0.381 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

Sheraz MA, et al. Formulations of Amlodipine: A Review. J Pharm (Cairo). 2016;2016:8961621.

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