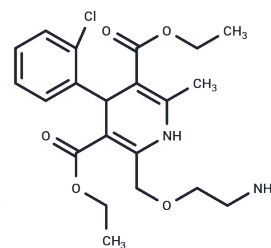


## Amlodipine besilate impurity E

## Chemical Properties

CAS No. :	140171-65-9
Formula:	C <sub>21</sub> H <sub>27</sub> ClN <sub>2</sub> O <sub>5</sub>
Molecular Weight:	422.90
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	Amlodipine besilate impurity E is a biochemical.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3646 mL	11.8231 mL	23.6463 mL
5 mM	0.4729 mL	2.3646 mL	4.7293 mL
10 mM	0.2365 mL	1.1823 mL	2.3646 mL
50 mM	0.0473 mL	0.2365 mL	0.4729 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

- Hanon O, Caillard L, Chaussade E, Hernandorena I, Bouilly C. Blood pressure-lowering efficacy of indapamide SR/amlodipine combination in older patients with hypertension: A post hoc analysis of the NESTOR trial (Natrlix SR vs Enalapril in Hypertensive Type 2 Diabetics With Microalbuminuria). *J Clin Hypertens (Greenwich)*. 2017 Oct;19(10):965-972. doi: 10.1111/jch.13053. Epub 2017 Jul 18. PubMed PMID: 28721700.
- Shirley M, McCormack PL. Perindopril/amlodipine (Prestalia®): a review in hypertension. *Am J Cardiovasc Drugs*. 2015 Oct;15(5):363-70. doi: 10.1007/s40256-015-0144-1. Review. PubMed PMID: 26341621.
- Son H, Lee D, Lim LA, Jang SB, Roh H, Park K. Development of a pharmacokinetic interaction model for co-administration of simvastatin and amlodipine. *Drug Metab Pharmacokinet*. 2014;29(2):120-8. Epub 2013 Aug 20. PubMed PMID: 23965645.
- Rakugi H, Ogihara T, Miyata Y, Sasai K, Totsuka N. Evaluation of the efficacy and tolerability of combination therapy with candesartan cilexetil and amlodipine besilate compared with candesartan cilexetil monotherapy and amlodipine besilate monotherapy in Japanese patients with mild-to-moderate essential hypertension: a multicenter, 12-week, randomized, double-blind, placebo-controlled, parallel-group study. *Clin Ther*. 2012 Apr;34(4):838-48. doi: 10.1016/j.clinthera.2012.02.015. Epub 2012 Mar 21. PubMed PMID: 22440192.

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