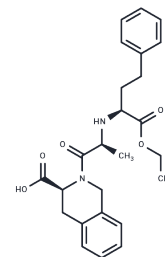


Quinapril

Chemical Properties

CAS No. :	85441-61-8
Formula:	C ₂₅ H ₃₀ N ₂ O ₅
Molecular Weight:	438.516
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	Quinapril is an orally active, non-peptide, and non-thiol angiotensin-converting enzyme (ACE) inhibitor. It primarily blocks the conversion of angiotensin I to angiotensin II in both plasma and tissues. Upon enzymatic hydrolysis, Quinapril is converted into the pharmacologically active Quinaprilat and is effective in hypertension models.
Targets(IC50)	Angiotensin-converting Enzyme (ACE)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2804 mL	11.402 mL	22.804 mL
5 mM	0.4561 mL	2.2804 mL	4.5608 mL
10 mM	0.228 mL	1.1402 mL	2.2804 mL
50 mM	0.0456 mL	0.228 mL	0.4561 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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