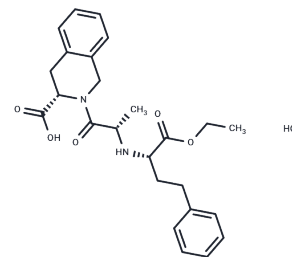


Quinapril hydrochloride

Chemical Properties

CAS No. :	82586-55-8
Formula:	C ₂₅ H ₃₁ ClN ₂ O ₅
Molecular Weight:	474.98
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Quinapril hydrochloride (PD-109452-2) is an angiotensin-converting enzyme (ACE) inhibitor used in the therapy of hypertension and congestive heart failure. Quinapril hydrochloride is associated with a low rate of transient serum aminotransferase elevations, but has yet to be linked to instances of acute liver injury.
Targets(IC ₅₀)	RAAS

Solubility Information

Solubility	Ethanol: 88 mg/mL (185.3 mM), H ₂ O: 87 mg/mL (183.2 mM), DMSO: 15 mg/mL (31.6 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1054 mL	10.5268 mL	21.0535 mL
5 mM	0.4211 mL	2.1054 mL	4.2107 mL
10 mM	0.2105 mL	1.0527 mL	2.1054 mL
50 mM	0.0421 mL	0.2105 mL	0.4211 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.

Reference

Watson AM, et al. Atherosclerosis. 2014 Aug;235(2):444-8.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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