

Cilazapril HCl

Chemical Properties

CAS No. :	88824-78-6
Formula:	C ₂₂ H ₃₂ ClN ₃ O ₅
Molecular Weight:	453.96
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	Cilazapril, also known as Ro 31 2848, is a potent ACE inhibitor used for hypertension. Cilazapril is a prodrug that is hydrolyzed after absorption to its main metabolite cilazaprilat. Cilazapril is a monoethyl ester, which acts as an angiotensin-converting enzyme (ACE) inhibitor. The inhibitor functions by inhibiting the ability of ACE to cleave bonds of angiotensin I and Hip-His-Leu. It is known that the diacid form of Cilazapril is more potent than enalapril at inhibiting ACE.
Targets(IC50)	Others,Angiotensin-converting Enzyme (ACE)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2028 mL	11.0142 mL	22.0284 mL
5 mM	0.4406 mL	2.2028 mL	4.4057 mL
10 mM	0.2203 mL	1.1014 mL	2.2028 mL
50 mM	0.0441 mL	0.2203 mL	0.4406 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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