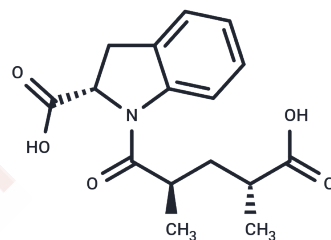


Pentoprilat

Chemical Properties

CAS No. :	82950-75-2
Formula:	C ₁₆ H ₁₉ N ₅ O ₅
Molecular Weight:	305.33
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	Pentoprilat is a member of a series of l-glutarylindoline-2(S)-carboxylic acid derivatives. Pentopril was evaluated as an inhibitor of a cell-free preparation of angiotensin-converting enzyme (ACE) isolated from rabbit lung. Intravenous administration of incremental doses of pentopril to anesthetized normotensive rats produced a dose-related inhibition of angiotensin I (AI) pressor responses. The onset of inhibition of the A1 pressor response was rapid, and substantial inhibition occurred at 5 min after administration of the ACE inhibitors. Pentopril hydrolyzed in vivo to the biologically active free-acid form of CGS 13934. It was well tolerated in normal volunteers and hypertensive patients. Pentopril was developed for the treatment of both hypertension and congestive heart failure. Pentopril produced little clinical improvement and no biochemical improvement in a patients with rheumatoid arthritis.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2751 mL	16.3757 mL	32.7514 mL
5 mM	0.655 mL	3.2751 mL	6.5503 mL
10 mM	0.3275 mL	1.6376 mL	3.2751 mL
50 mM	0.0655 mL	0.3275 mL	0.655 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481