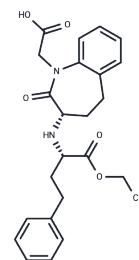


Benazepril

Chemical Properties

CAS No. :	86541-75-5
Formula:	C ₂₄ H ₂₈ N ₂ O ₅
Molecular Weight:	424.49
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	Benazepril inhibits the activity of circulating angiotensin-converting enzyme (ACE) in horses.
Targets(IC50)	Apoptosis,Others,Angiotensin-converting Enzyme (ACE),ROS

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	2.3558 mL	11.7788 mL	23.5577 mL
5 mM	0.4712 mL	2.3558 mL	4.7115 mL
10 mM	0.2356 mL	1.1779 mL	2.3558 mL
50 mM	0.0471 mL	0.2356 mL	0.4712 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

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- King JN, Font A, Rousselot JF, Ash RA, Bonfanti U, Brovida C, Crowe ID, Lanore D, Pechereau D, Seewald W, Strehlau G. Effects of Benazepril on Survival of Dogs with Chronic Kidney Disease: A Multicenter, Randomized, Blinded, Placebo-Controlled Clinical Trial. *J Vet Intern Med.* 2017 Jul;31(4):1113-1122. doi: 10.1111/jvim.14726. Epub 2017 Jul 1. PubMed PMID: 28669137; PubMed Central PMCID: PMC5508345.
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- King JN, Panteri A, Graille M, Seewald W, Friton G, Desevaux C. Effect of benazepril, robenacoxib and their combination on glomerular filtration rate in cats. *BMC Vet Res.* 2016 Jun 23;12(1):124. doi: 10.1186/s12917-016-0734-4. PubMed PMID: 27338786; PubMed Central PMCID: PMC4917992.

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