

Angiotensin pentapeptide

Chemical Properties

CAS No. : 52530-60-6

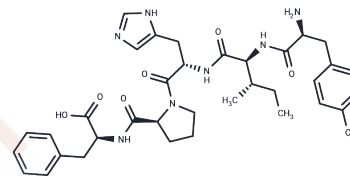
Formula: C₃₅H₄₅N₇O₇

Molecular Weight: 675.77

Keep away from moisture

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	Angiotensin pentapeptide is a peptide.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4798 mL	7.399 mL	14.7979 mL
5 mM	0.296 mL	1.4798 mL	2.9596 mL
10 mM	0.148 mL	0.7399 mL	1.4798 mL
50 mM	0.0296 mL	0.148 mL	0.296 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

- Braszko JJ, Własienko J, Kupryszewski G, Witczuk B, Wisniewski K. Behavioral effects of angiotensin II and angiotensin II-(4-8)-pentapeptide in rats. *Physiol Behav.* 1988;44(3):327-32. PubMed PMID: 3222356.
- Borawska M, Kupryszewski G, Witczuk B, Wiśniewski K. Effects of angiotensin II and its fragments: angiotensin II(3-8)-hexapeptide and angiotensin II(4-8)-pentapeptide on retrieval in passive avoidance situation in rats chronically treated with ethanol. *Pol J Pharmacol Pharm.* 1989 May-Jun;41(3):227-30. PubMed PMID: 2616380.
- Niccolai N, Miles MP, Gibbons WA. Internal motions studies of an angiotensin pentapeptide using proton relaxation parameters. *Biochem Biophys Res Commun.* 1979 Nov 14;91(1):157-63. PubMed PMID: 229839.
- Matsoukas JM, Hondrelis J, Keramida M, Mavromoustakos T, Makriyannis A, Yamdagni R, Wu Q, Moore GJ. Role of the NH₂-terminal domain of angiotensin II (ANG II) and [Sar¹]angiotensin II on conformation and activity. NMR evidence for aromatic ring clustering and peptide backbone folding compared with [des-1,2,3]angiotensin II. *J Biol Chem.* 1994 Feb 18;269(7):5303-12. PubMed PMID: 8106515.

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