

Angiotensin I (human, mouse, rat)

Chemical Properties

CAS No. : 484-42-4

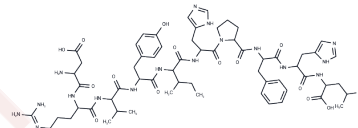
Formula: C₆₂H₈₉N₁₇O₁₄

Molecular Weight: 1296.48

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 I (human, mouse, rat) is the precursor to the vasoconstrictor peptide angiotensin II, cleaved by the angiotensin-converting enzyme (ACE). This peptide hormone causes vasoconstriction and increases blood pressure as part of the renin-angiotensin system, also stimulating aldosterone release from the adrenal cortex to promote sodium retention by the kidneys.
Targets(IC50)	Others,Endogenous Metabolite,Angiotensin-converting Enzyme (ACE)

Solubility Information

Solubility	DMSO: 10 mM,Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7713 mL	3.8566 mL	7.7132 mL
5 mM	0.1543 mL	0.7713 mL	1.5426 mL
10 mM	0.0771 mL	0.3857 mL	0.7713 mL
50 mM	0.0154 mL	0.0771 mL	0.1543 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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