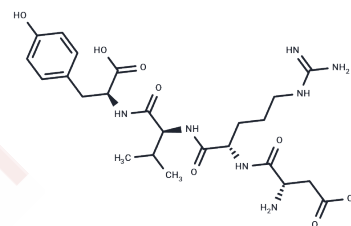


Angiotensin II (1-4), human

Chemical Properties

CAS No. :	52580-29-7
Formula:	C ₂₄ H ₃₇ N ₇ O ₈
Molecular Weight:	551.59
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Angiotensin II is a potent direct vasoconstrictor, causing arteries and veins to constrict, so leading to an increase in blood pressure. Angiotensin also potentiates the release of norepinephrine by a direct action on postganglionic sympathetic fibers.
Targets(IC50)	RAAS

Solubility Information

Solubility	H ₂ O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8129 mL	9.0647 mL	18.1294 mL
5 mM	0.3626 mL	1.8129 mL	3.6259 mL
10 mM	0.1813 mL	0.9065 mL	1.8129 mL
50 mM	0.0363 mL	0.1813 mL	0.3626 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

De Giusti VC, et al. Modulation of the cardiac sodium/bicarbonate cotransporter by the renin angiotensin aldosterone system: pathophysiological consequences. *Front Physiol.* 2014 Jan 17;4:411.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481