

Angiotensin II (1-4), human TFA

Chemical Properties

CAS No. :

Formula: C₂₆H₃₈F₃N₇O₁₀

Molecular Weight: 665.62

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 II is a potent direct vasoconstrictor, causing arteries and veins to constrict, so leading to an increase in blood pressure.
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	1.5024 mL	7.5118 mL	15.0236 mL
5 mM	0.3005 mL	1.5024 mL	3.0047 mL
10 mM	0.1502 mL	0.7512 mL	1.5024 mL
50 mM	0.030 mL	0.1502 mL	0.3005 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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