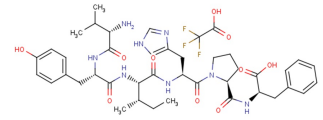


Data Sheet (Cat.No.T10323)

Angiotensin II (3-8), human TFA

Chemical Properties

CAS No.: T10323
 Formula: C42H55F3N8O10
 Molecular Weight: 888.93
 Appearance: N/A
 Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Angiotensin II (3-8), human (TFA) is an angiotensin AT1 receptor agonist with less activity.
Targets(IC ₅₀)	Angiotensin AT1 receptor: None
In vivo	In anesthetized rats, Human Angiotensin II (3-8) causes endothelium-dependent renal cortical vasodilatation. At doses up to 125 pmol/kg, human Angiotensin II (3-8) is without any cardiovascular effects, but with doses of 1.25 and 12.5 nmol/kg there are dose-dependent increases in mean arterial blood pressure and reductions in renal and mesenteric flows and vascular conductances.

Solubility Information

Solubility	H2O: 50 mg/mL (56.25 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.125 mL	5.625 mL	11.249 mL
5 mM	0.225 mL	1.125 mL	2.25 mL
10 mM	0.112 mL	0.562 mL	1.125 mL
50 mM	0.022 mL	0.112 mL	0.225 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Gardiner SM, et al. Regional haemodynamic effects of angiotensin II (3-8) in conscious rats. Br J Pharmacol. 1993 Sep;110(1):159-62.

Inhibitors · Natural Compounds · Compound Libraries

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