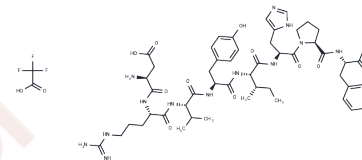


## Angiotensin II human TFA

## Chemical Properties

CAS No. :	2761969-44-0
Formula:	C52H72F3N13O14
Molecular Weight:	1160.2
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 human TFA is a potent vasoconstrictor in the renin-angiotensin system that regulates blood pressure through interactions with AT1R and AT2R receptors. It activates sympathetic nerve activity, promotes aldosterone synthesis and renal function, induces proliferation of vascular smooth muscle cells, and enhances type I and III collagen production in fibroblasts, leading to vascular and myocardial thickening and fibrosis. It also triggers apoptosis and promotes capillary formation, making it suitable for establishing models of cardiac hypertrophy, hypertension, and abdominal aortic aneurysm.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8619 mL	4.3096 mL	8.6192 mL
5 mM	0.1724 mL	0.8619 mL	1.7238 mL
10 mM	0.0862 mL	0.431 mL	0.8619 mL
50 mM	0.0172 mL	0.0862 mL	0.1724 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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