

## Angiotensinogen (1-14), human TFA

## Chemical Properties

CAS No. :

Formula: C85H123N24F3O21

Molecular Weight: 1874.06

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	Angiotensinogen (1-14), human TFA is a fragment of the renin substrate angiotensinogen, which is a precursor for all angiotensin peptides.
Targets(IC50)	Others,Endogenous Metabolite
In vitro	Angiotensinogen is the only precursor of all angiotensin peptides [1]. Angiotensinogen isolated from most species is cleaved by human renin [2].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5336 mL	2.668 mL	5.336 mL
5 mM	0.1067 mL	0.5336 mL	1.0672 mL
10 mM	0.0534 mL	0.2668 mL	0.5336 mL
50 mM	0.0107 mL	0.0534 mL	0.1067 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

Lu H, et al. Structure and functions of angiotensinogen. Hypertens Res. 2016 Jul;39(7):492-500.

Burton J, et al. The amino-acid residues on the C-terminal side of the cleavage site of angiotensinogen influence the species specificity of reaction with renin. iochim Biophys Acta. 1988 Jan 4;952(1):8-12.

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