

## [Sar1, Ile8]-Angiotensin II acetate

## Chemical Properties

CAS No. :

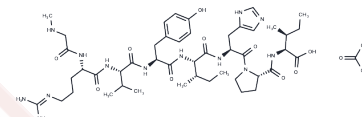
Formula: C48H77N13O12

Molecular Weight: 1028.2

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	[Sar1, Ile8]-Angiotensin II acetate activates both the NADPH and NADH oxidases, and stimulates superoxide anion formation in vascular smooth muscle cells. [Sar1, Ile8]-Angiotensin II acetate has multiple effects on vascular smooth muscle, including contra
Targets(IC50)	RAAS

## Solubility Information

Solubility DMSO: 10.29 mg/mL (10.01 mM), Sonication is recommended.  
(< 1 mg/ml refers to the product slightly soluble or insoluble)

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9726 mL	4.8629 mL	9.7257 mL
5 mM	0.1945 mL	0.9726 mL	1.9451 mL
10 mM	0.0973 mL	0.4863 mL	0.9726 mL
50 mM	0.0195 mL	0.0973 mL	0.1945 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

Griendling KK, et al. Angiotensin II stimulates NADH and NADPH oxidase activity in cultured vascular smooth muscle cells. *Circ Res.* 1994 Jun;74(6):1141-8.

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