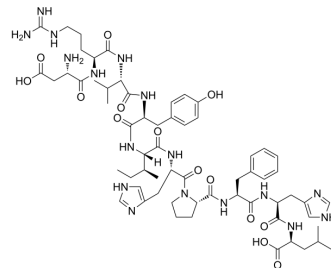


Angiotensin I (human, mouse, rat)

Cat. No.:	HY-P1032
CAS No.:	484-42-4
Molecular Formula:	C ₆₂ H ₈₉ N ₁₇ O ₁₄
Molecular Weight:	1296.48
Sequence:	Asp-Arg-Val-Tyr-Ile-His-Pro-Phe-His-Leu
Sequence Shortening:	DRVYIHPFHL
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Sealed storage, away from moisture
	Powder -80°C 2 years
	-20°C 1 year



* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 25 mg/mL (19.28 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
			1 mM	0.7713 mL	3.8566 mL	7.7132 mL
			5 mM	0.1543 mL	0.7713 mL	1.5426 mL
10 mM			0.0771 mL	0.3857 mL	0.7713 mL	
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: PBS Solubility: 100 mg/mL (77.13 mM); Clear solution; Need ultrasonic					

BIOLOGICAL ACTIVITY

Description	Angiotensin I (human, mouse, rat) is the precursor to the vasoconstrictor peptide angiotensin II, cleaved by the angiotensin-converting enzyme (ACE).
IC ₅₀ & Target	Human Endogenous Metabolite

Caution: Product has not been fully validated for medical applications. For research use only.

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