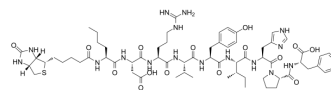


Biotin-Ahx-Angiotensin II human

Cat. No.: HY-13948F
Molecular Formula: C₆₆H₉₆N₁₆O₁₅S
Molecular Weight: 1385.63
Sequence: {Biotin-Ahx}-Asp-Arg-Val-Tyr-Ile-His-Pro-Phe
Sequence Shortening: {Biotin-Ahx}-DRVYIHPF
Target: Others
Pathway: Others
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

DMSO : 66.67 mg/mL (48.12 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	0.7217 mL	3.6085 mL	7.2169 mL
	5 mM	0.1443 mL	0.7217 mL	1.4434 mL
	10 mM	0.0722 mL	0.3608 mL	0.7217 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (1.80 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (1.80 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (1.80 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Biotin-Ahx-Angiotensin II human (Biotin-Ahx-Angiotensin II; Biotin-Ahx-Ang II; Biotin-Ahx-DRVYIHPF) is a biological active peptide. (biotin labeled HY-13948)

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

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