

NMNNAGDKWSAFLKEQSTLAQMYPLQEIQNLTVKLQLQALQQ

Cat. No.:	HY-P3142	
Molecular Formula:	C ₂₁₃ H ₃₄₂ N ₅₈ O ₆₆ S ₂	
Molecular Weight:	4835.47	
Sequence Shortening:	NMNNAGDKWSAFLKEQSTLAQMYPLQEIQNLTVKLQLQALQQ	NMNNAGDKWSAFLKEQSTLAQMYPLQEIQNLTVKLQLQALQQ
Target:	Angiotensin-converting Enzyme (ACE)	
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	DMSO : 33.33 mg/mL (6.89 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	0.2068 mL	1.0340 mL	2.0681 mL
		5 mM	0.0414 mL	0.2068 mL	0.4136 mL
		10 mM	---	---	---
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (0.52 mM); Clear solution 2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (0.52 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	NMNNAGDKWSAFLKEQSTLAQMYPLQEIQNLTVKLQLQALQQ is an angiotensin-converting enzyme 2 (ACE2) related peptide that can be used as a tool for understanding ACE2 functions.
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Caution: Product has not been fully validated for medical applications. For research use only.

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