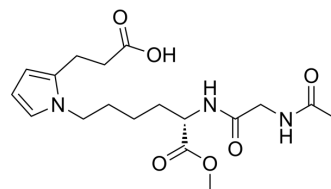


CEP dipeptide 1

Cat. No.:	HY-16959
CAS No.:	816432-15-2
Molecular Formula:	C ₁₈ H ₂₇ N ₃ O ₆
Molecular Weight:	381.42
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

H₂O : 10 mg/mL (26.22 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.6218 mL	13.1089 mL	26.2178 mL
5 mM	0.5244 mL	2.6218 mL	5.2436 mL
10 mM	0.2622 mL	1.3109 mL	2.6218 mL

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

BIOLOGICAL ACTIVITY

Description

CEP dipeptide 1 is a CEP dipeptide with potent angiogenic activity; mediators of age-related macular degeneration (AMD).

CUSTOMER VALIDATION

- Am J Pathol. 2017 Oct;187(10):2208-2221.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Lu L, et al. Synthesis and structural characterization of carboxyethylpyrrole-modified proteins: mediators of age-related macular degeneration. Bioorg Med Chem. 2009 Nov 1;17(21):7548-61.

[2]. Wang H, et al. 4-Hydroxy-7-oxo-5-heptenoic Acid (HOHA) Lactone is a Biologically Active Precursor for the Generation of 2-(ω -Carboxyethyl)pyrrole (CEP) Derivatives of Proteins and Ethanolamine Phospholipids. Chem Res Toxicol. 2015 May 18;28(5):967-77.

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

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