

Product Data Sheet

Product Name: CEP dipeptide 1

Cat. No.: GC33533

Chemical Properties

Cas. No. 816432-15-2

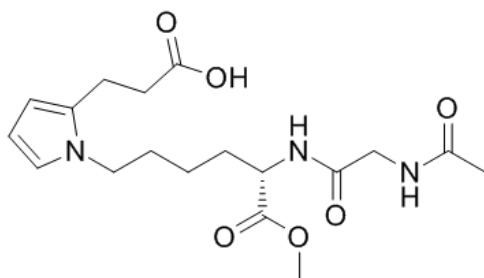
Formula $C_{18}H_{27}N_3O_6$ M.Wt 381.42

Solubility Water : 10 mg/mL (26.22 mM) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

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

[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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