

Product Data Sheet

Product Name: Oligopeptide P11-4

Cat. No.: GC76467

Chemical Properties

Cas. No. 593266-60-5

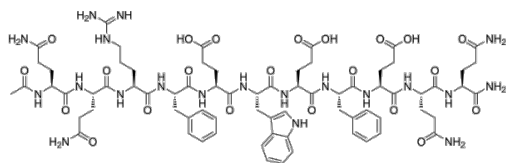
Formula $C_{72}H_{98}N_{20}O_{22}$ M.Wt 1595.67

Solubility DMSO: 16.67 mg/mL (10.45 mM; Need ultrasonic) Storage Sealed storage, away from moisture

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

Oligopeptide P11-4 is an α -peptide that can be self-assembled into β -sheet amyloids with a hydrogel appearance at low pH. Oligopeptide P11-4 can be used in biomimetic mineralization, enamel regeneration and oral care agent^[1].

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

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References:

[1]. Han C, et al. Self-Assembling Peptide-Based Hydrogels in Angiogenesis. Int J Nanomedicine. 2020 Dec 16;15:10257-10269.

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