

Peptide K

Chemical Properties

CAS No. :

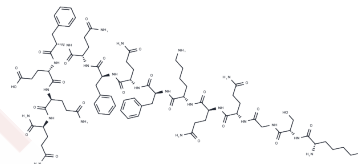
Formula: C79H117N23O23

Molecular Weight: 1756.92

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description

Peptide K is a self-assembling peptide fiber used for fabricating fibrous nanocomposite hydrogels. These hydrogels possess a dynamic network adaptable to cells, enhancing cell-matrix and cell-cell interactions. Consequently, they significantly promote the mechanotransduction, metabolic energy, and osteogenic function of encapsulated stem cells.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5692 mL	2.8459 mL	5.6918 mL
5 mM	0.1138 mL	0.5692 mL	1.1384 mL
10 mM	0.0569 mL	0.2846 mL	0.5692 mL
50 mM	0.0114 mL	0.0569 mL	0.1138 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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