

IEIK 13

## Chemical Properties

CAS No. : 1426415-02-2

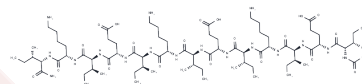
Formula: C77H139N17O20

Molecular Weight: 1623.03

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	IEIK 13, a self-assembling peptide (SAP), is employed in cartilage tissue engineering research [1].
In vitro	IEIK13 promotes the growth and survival of human nasal cartilage cells (HNC) [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6161 mL	3.0807 mL	6.1613 mL
5 mM	0.1232 mL	0.6161 mL	1.2323 mL
10 mM	0.0616 mL	0.3081 mL	0.6161 mL
50 mM	0.0123 mL	0.0616 mL	0.1232 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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