

## CCHa1 peptide

## Chemical Properties

CAS No. :

Formula: C73H106N18O31

Molecular Weight: 1731.72

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

CCHa1 peptide, a signaling peptide, plays a role in modulating wakefulness. Produced by enteroendocrine cells within the gut, it targets specific dopamine neurons in the brain to regulate an animal's response to sensory inputs such as mechanical vibrations, thereby aiding in the suppression of wakefulness. This peptide holds promise for research into sleep quality and sensory adaptiveness.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5775 mL	2.8873 mL	5.7746 mL
5 mM	0.1155 mL	0.5775 mL	1.1549 mL
10 mM	0.0577 mL	0.2887 mL	0.5775 mL
50 mM	0.0115 mL	0.0577 mL	0.1155 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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