

MCH (salmon) TFA (87218-84-6 free base)

## Chemical Properties

CAS No. :

Formula: C91H140F3N27O26S4

Molecular Weight: 2213.5

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	Melanin Concentrating Hormone (MCH), a 19 amino acid cyclic peptide, is largely expressed in the hypothalamus. Melanin Concentrating Hormone is implicated in the control of general arousal and goal-orientated behaviours in mammals, and appears to be a key messenger in the regulation of food intake.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4518 mL	2.2589 mL	4.5177 mL
5 mM	0.0904 mL	0.4518 mL	0.9035 mL
10 mM	0.0452 mL	0.2259 mL	0.4518 mL
50 mM	0.009 mL	0.0452 mL	0.0904 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.

## Reference

An S, et al. Identification and characterization of a melanin-concentrating hormone receptor. Proc Natl Acad Sci U S A. 2001 Jun 19;98(13):7576-81. ab Disord. 2002 Oct;26(10):1289-95.

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