

Melanin Concentrating Hormone, salmon TFA

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, salmon TFA (MCH (salmon) TFA), is a 19-amino-acid neuropeptide discovered in the pituitary gland of teleost fish; it regulates food intake, energy balance, sleep states, and cardiovascular functions, and acts as a ligand for the orphan G protein-coupled receptors SLC-1/GPR24 and MCHR2.
Targets(IC50)	Melanin-concentrating Hormone Receptor (MCHR),GPCR

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.

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