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**Product Data Sheet**

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Product Name: Melanin Concentrating Hormone, salmon (TFA)

Cat. No.: GC36580

**Chemical Properties**

Cas. No.

Formula  $C_{91}H_{140}F_3N_{27}O_{26}S_4$ 

M.Wt 2213.5

Solubility  $H_2O$  : 25 mg/mL (11.29 mM; Need ultrasonic)Storage Store at  $-20^{\circ}C$ 

General tips For obtaining a higher solubility , please warm the tube at  $37^{\circ}C$  and shake it in the ultrasonic bath for a while. Stock solution can be stored below  $-20^{\circ}C$  for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Melanin Concentrating Hormone, salmon TFA (MCH (salmon) TFA) is a 19-amino-acid neuropeptide initially identified in the pituitary gland of teleost fish, which regulates food intake, energy balance, sleep state, and the cardiovascular system. Melanin-concentrating hormone is a ligand for an orphan G protein-coupled receptor (SLC-1/GPR24) and MCHR2. SLC-1/GPR24, MCHR2[1]

[1]. 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.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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