

## Melanin Concentrating Hormone, salmon (TFA)

Cat. No.: HY-P1525A  
Batch No.: 205054  
Chemical Name: L-Valine, L- $\alpha$ -aspartyl-L-threonyl-L-methionyl-L-arginyl-L-cysteinyl-L-methionyl-L-valylglycyl-L-arginyl-L-valyl-L-tyrosyl-L-arginyl-L-prolyl-L-cysteinyl-L-tryptophyl-L- $\alpha$ -glutamyl-, cyclic (5 $\rightarrow$ 14)-disulfide (TFA)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{91}H_{140}F_3N_{27}O_{26}S_4$   
Molecular Weight: 2213.50  
Storage: Sealed storage, away from moisture  
Powder -80°C 2 years  
-20°C 1 year  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

DTMRCMVGRRVYRPCWEV (Disulfide bridge: Cys<sub>5</sub>-Cys<sub>14</sub>) (TFA salt)

### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
LCMS: Consistent with structure  
Purity (LCMS): 99.94%  
Conclusion: The product has been tested and complies with the given specifications.

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

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