

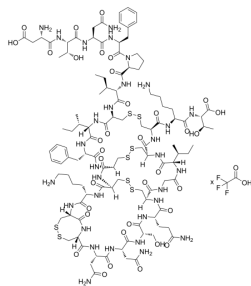
## Hepcidin-1 (mouse) (TFA)

**Cat. No.:** HY-P4373A  
**Batch No.:** 283162  
**Chemical Name:** L-Threonine, L- $\alpha$ -aspartyl-L-threonyl-L-asparaginyl-L-phenylalanyl-L-prolyl-L-isoleucyl-L-cysteinyl-L-isoleucyl-L-phenylalanyl-L-cysteinyl-L-cysteinyl-L-lysyl-L-cysteinyl-L-cysteinyl-L-asparaginyl-L-asparaginyl-L-seryl-L-glutamyl-L-cysteinylglycyl-L-isoleucyl-L-cysteinyl-L-cysteinyl-L-lysyl-, cyclic (7 $\rightarrow$ 23),(10 $\rightarrow$ 22),(11 $\rightarrow$ 19),(13 $\rightarrow$ 14)-tetrakis(disulfide), trifluoroacetate

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:**  $C_{111}H_{169}N_{31}O_{35}S_8 \cdot xC_2HF_3O_2$   
**Molecular Weight:** 2754.24 (free base)  
**Storage:** Sealed storage, away from moisture and light  
Powder                    -80°C        2 years  
                                  -20°C        1 year  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** White to off-white (Solid)  
**LCMS:** Consistent with structure  
**Purity (LCMS):** 98.94%  
**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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