

## hFSH-β-(33-53) (TFA)

Cat. No.: HY-P3343A  
Batch No.: 280030  
Chemical Name: L-Phenylalanine, L-tyrosyl-L-threonyl-L-arginyl-L-α-aspartyl-L-leucyl-L-valyl-L-tyrosyl-L-lysyl-L-α-aspartyl-L-prolyl-L-alanyl-L-arginyl-L-prolyl-L-lysyl-L-isoleucyl-L-glutamyl-L-lysyl-L-threonyl-L-cysteinyl-L-threonyl- (TFA)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{115}H_{183}N_{31}O_{32}S \cdot xC_2HF_3O_2$   
Molecular Weight: 2543.94 (free acid)  
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:

YTRDLVYKDPARPKIQKTCTF (TFA salt)

### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
MS: Consistent with structure  
Purity (HPLC): 99.81%  
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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