

## (Leu31,Pro34)-Peptide YY (human) (TFA)

**Cat. No.:** HY-P3877A  
**Batch No.:** 312399  
**Chemical Name:** L-Tyrosinamide, L-tyrosyl-L-prolyl-L-isoleucyl-L-lysyl-L-prolyl-L- $\alpha$ -glutamyl-L-alanyl-L-prolyl-glycyl-L- $\alpha$ -glutamyl-L- $\alpha$ -aspartyl-L-alanyl-L-seryl-L-prolyl-L- $\alpha$ -glutamyl-L- $\alpha$ -glutamyl-L-leucyl-L-asparaginyl-L-arginyl-L-tyrosyl-L-tyrosyl-L-alanyl-L-seryl-L-leucyl-L-arginyl-L-histidyl-L-tyrosyl-L-leucyl-L-asparaginyl-L-leucyl-L-leucyl-L-threonyl-L-arginyl-L-prolyl-L-arginyl- (TFA)

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>195</sub>H<sub>296</sub>N<sub>54</sub>O<sub>56</sub>·xC<sub>2</sub>HF<sub>3</sub>O<sub>2</sub>  
**Molecular Weight:** 4292.75 (free base)  
**Storage:** Sealed storage, away from moisture and light, under nitrogen  
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, under nitrogen)

**Chemical Structure:**

YPIKPEAPGEDASPEELNRYASLRHYLNLLTRPRY-NH<sub>2</sub> (TFA salt)

### ANALYTICAL DATA

**Appearance:** White to off-white (Solid)  
**MS:** Consistent with structure  
**Purity (HPLC):** 99.96%  
**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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