

## LL-37, human (acetate)

**Cat. No.:** HY-P1222B  
**Batch No.:** 261996  
**Chemical Name:** L-Serine, L-leucyl-L-leucylglycyl-L- $\alpha$ -aspartyl-L-phenylalanyl-L-phenylalanyl-L-arginyl-L-lysyl-L-seryl-L-lysyl-L- $\alpha$ -glutamyl-L-lysyl-L-isoleucylglycyl-L-lysyl-L- $\alpha$ -glutamyl-L-phenylalanyl-L-lysyl-L-arginyl-L-isoleucyl-L-valyl-L-glutamyl-L-arginyl-L-isoleucyl-L-lysyl-L- $\alpha$ -aspartyl-L-phenylalanyl-L-leucyl-L-arginyl-L-asparagyl-L-leucyl-L-valyl-L-prolyl-L-arginyl-L-threonyl-L- $\alpha$ -glutamyl-, (acetate)

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>207</sub>H<sub>344</sub>N<sub>60</sub>O<sub>55</sub>  
**Molecular Weight:** 4553.31  
**Storage:** Sealed storage, away from moisture and light, under nitrogen  
Powder      -80°C    2 years  
                 -20°C    1 years  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light, under nitrogen)

**Chemical Structure:**

LLGDFFRKSK EKIGKEFKRI VQRIKDFLRN LVPRTES (acetate salt)

### ANALYTICAL DATA

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