

LL-37, human (acetate)

Cat. No.: HY-P1222B
Batch No.: 117996
Chemical Name: L-Serine, L-leucyl-L-leucylglycyl-L- α -aspartyl-L-phenylalanyl-L-phenylalanyl-L-arginyl-L-lysyl-L-seryl-L-lysyl-L- α -glutamyl-L-lysyl-L-isoleucylglycyl-L-lysyl-L- α -glutamyl-L-phenylalanyl-L-lysyl-L-arginyl-L-isoleucyl-L-valyl-L-glutamyl-L-arginyl-L-isoleucyl-L-lysyl-L- α -aspartyl-L-phenylalanyl-L-leucyl-L-arginyl-L-asparaginyll-leucyl-L-valyl-L-prolyl-L-arginyl-L-threonyl-L- α -glutamyl-, (acetate)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₂₀₇H₃₄₄N₆₀O₅₅
Molecular Weight: 4553.31
Storage: Protect from light, stored under nitrogen
Powder -80°C 2 years
 -20°C 1 years
* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)

Chemical Structure:

LLGDFFRKSK EKIGKEFKRI VQRIKDFLRN LVPRTES (acetate salt)

ANALYTICAL DATA

Appearance: White to off-white (Solid)
MS: Consistent with structure
Purity (HPLC): 99.50%
Nitrogen Content(N%): 15.55%
Carbon Content(C%): 48.93%
Hydrogen Content(H%): 7.930%
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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