

Prolactin Releasing Peptide (1-31), human (acetate)

Cat. No.: HY-P1520A
Batch No.: 237795
Chemical Name: L-Phenylalaninamide, L-seryl-L-arginyl-L-threonyl-L-histidyl-L-arginyl-L-histidyl-L-seryl-L-methionyl-L- α -glutamyl-L-isoleucyl-L-arginyl-L-threonyl-L-prolyl-L- α -aspartyl-L-isoleucyl-L-asparaginyl-L-prolyl-L-alanyl-L-tryptophyl-L-tyrosyl-L-alanyl-L-seryl-L-arginylglycyl-L-isoleucyl-L-arginyl-L-prolyl-L-valylglycyl-L-arginyl- (acetate)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₁₆₂H₂₆N₅₆O₄₄S
Molecular Weight: 3724.17
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:

SRTRHSMIEIRTPDINPAWYASRGIRPVGRF-NH₂ (acetate salt)

ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid)
MS: Consistent with structure
Purity (HPLC): 98.17%
Peptide Content (N%): 82.01%
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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