

Cotadutide (acetate)

Cat. No.: HY-P2231A
Batch No.: 405925
Chemical Name: Glycine, L-histidyl-L-seryl-L-glutaminyglycyl-L-threonyl-L-phenylalanyl-L-threonyl-L-seryl-L- α -aspartyl-N6-[N-(1-oxotetradecyl)-L- γ -glutamyl]-L-lysyl-L-seryl-L- α -glutamyl-L-tyrosyl-L-leucyl-L- α -aspartyl-L-seryl-L- α -glutamyl-L-arginyl-L-alanyl-L-arginyl-L- α -aspartyl-L-phenylalanyl-L-valyl-L-alanyl-L-tryptophyl-L-leucyl-L- α -glutamyl-L-alanylglycyl- (Acetate)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₁₆₉H₂₅₆N₄₂O₅₇
Molecular Weight: 3788.14
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:

1'-(palmitoyl-Glu);
HSQGTFTSDKSEYLDSEARDFVAWL
EAGG (Amide bridge: Glu1'-Lys10)

ANALYTICAL DATA

Appearance: White to light yellow (Solid)
MS: Consistent with structure
Purity (HPLC): 98.88%
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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