

## Cotadutide (acetate)

**Cat. No.:** HY-P2231A  
**Batch No.:** 307931  
**Chemical Name:** Glycine, L-histidyl-L-seryl-L-glutaminyglycyl-L-threonyl-L-phenylalanyl-L-threonyl-L-seryl-L- $\alpha$ -aspartyl-N6-[N-(1-oxotetradecyl)-L- $\gamma$ -glutamyl]-L-lysyl-L-seryl-L- $\alpha$ -glutamyl-L-tyrosyl-L-leucyl-L- $\alpha$ -aspartyl-L-seryl-L- $\alpha$ -glutamyl-L-arginyl-L-alanyl-L-arginyl-L- $\alpha$ -aspartyl-L-phenylalanyl-L-valyl-L-alanyl-L-tryptophyl-L-leucyl-L- $\alpha$ -glutamyl-L-alanylglycyl- (Acetate)

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>169</sub>H<sub>256</sub>N<sub>42</sub>O<sub>57</sub>  
**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<sup>1</sup>-(palmitoyl-Glu);  
HSQGTFTSDKSEYLDSEARDFVAWLEAGG  
(Amide bridge: Glu1<sup>1</sup>-Lys10) (acetate salt)

### ANALYTICAL DATA

**Appearance:** White to light yellow (Solid)  
**MS:** Consistent with structure  
**Purity (HPLC):** 99.38%  
**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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