Certificate of Analysis

Retatrutide (TFA)

Cat. No.: HY-P3506A **Batch No.:** 282182

Chemical Name: L-Serinamide, L-tyrosyl-2-methylalanyl-L-glutaminylglycyl-L-threonyl-L-phenylalanyl-L-threony

 $l-L-seryl-L-\alpha-aspartyl-L-tyrosyl-L-seryl-L-isoleucyl-2-methyl-L-leucyl-L-leucyl-L-\alpha-aspartyl-L-lysyl-L-neboxy-1-oxononadecyl-L-y-glutamyl-2-[2-(2-aminoethoxy)ethoxy]acetyl]-L-lysyl-L-alanyl-L-glutaminyl-2-methylalanyl-L-alanyl-L-phenylalanyl-L-isoleucyl-L-\alpha-glutamyl-L-tyrosyl-L-leucyl-L-\alpha-glutamylglycylglycyl-L-prolyl-L-seryl-L-serylglycyl-L-alanyl-L-prolyl-L-prolyl-L-prolyl-L-seryl-L-serylglycyl-L-alanyl-L-prolyl-prolyl-p$

l-L-prolyl- (TFA)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{223}H_{343}F_3N_{46}O_{70}$

Molecular Weight: 4845.35

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:

LY3437943 (TFA salt)

ANALYTICAL DATA

Appearance: White to off-white (Solid)

LCMS: Consistent with structure

Purity (LCMS): 99.31%

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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