Certificate of Analysis

Plecanatide (acetate)

Cat. No.: HY-108741A
CAS No.: 1075732-84-1

Batch No.: 64876

Chemical Name: L-Leucine, L-asparaginyl-L-α-aspartyl-L-α-glutamyl-L-cysteinyl-L-α-glutamyl-L-leucyl-L-cysteiny

l-L-valyl-L-asparaginyl-L-valyl-L-alanyl-L-cysteinyl-L-threonylglycyl-L-cysteinyl-, cyclic (4→12),(7

→15)-bis(disulfide), acetate (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₆₇H₁₀₈N₁₈O₂₈S₄

Molecular Weight: 1741.94

Storage: Sealed storage, away from moisture

Powder -80° C 2 years -20° C 1 years

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

Purity (HPLC): 99.77%

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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