Certificate of Analysis



Mibenratide

Cat. No.: HY-P3557

CAS No.: 1239011-83-6

Batch No.: 396999

Chemical Name: Cyclo(L-alanyl-L-arginyl-L-cysteinyl-L-tyrosyl-L-asparaginyl-L-α-asparaginyl-L-prolyl-L-lys

 $yl-L-cysteinyl-L-seryl-L-\alpha-aspartyl-L-phenylalanyl-L-valyl-L-glutaminyl-L-alanyl-L-\alpha-aspartyl-$

-glutamyl), cyclic (4→10)-disulfide

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₈₇H₁₂₉N₂₇O₃₀S₂

Molecular Weight: 2097.25

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:

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ANALYTICAL DATA

Appearance: White to off-white (Solid)

MS: Consistent with structure

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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