Certificate of Analysis

IRBP (1-20), human

Cat. No.: HY-P1587 CAS No .: 298202-25-2 Batch No.: 267359

Chemical Name: L-Aspartic acid, glycyl-L-prolyl-L-threonyl-L-histidyl-L-leucyl-L-phenylalanyl-L-glutaminyl-L-prol

 $yl-L-seryl-L-leucyl-L-valyl-L-leucyl-L-\alpha-aspartyl-L-methionyl-L-alanyl-L-lysyl-L-valyl-L-leucyl-L-le$

ucyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{101}H_{164}N_{24}O_{28}S$

2194.59 **Molecular Weight:**

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

White to off-white (Solid) Appearance: LCMS: Consistent with structure

Purity (LCMS): 99.65%

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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