Certificate of Analysis

TfR-T12 (TFA)

Cat. No.: HY-P2297A Batch No.: 95755

Chemical Name: L-Proline, L-threonyl-L-histidyl-L-arginyl-L-prolyl-L-prolyl-L-methionyl-L-tryptophyl-L-seryl-L-pr

olyl-L-valyl-L-tryptophyl- (TFA)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{73}H_{100}F_3N_{19}O_{17}S$

Molecular Weight: 1604.75

Storage: Sealed storage, away from moisture and light

> -80°C Powder 2 years

-20°C 1 year

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

Chemical Structure:

ANALYTICAL DATA

White to off-white (Solid) Appearance:

Purity (HPLC): 99.65%

Solubility: 100 mg/mL in H₂O (62.32 mM; Need ultrasonic)

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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