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Certificate of Analysis

Difopein (TFA)

Cat. No.: HY-P1380A **Batch No.:** 145313

Chemical Name: Difopein (dimeric fourteen-three-three peptide inhibitor) (synthetic) (TFA)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{275}H_{425}N_{76}F_3O_{91}S_6$

Molecular Weight: 6501.19

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:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

LCMS: Consistent with structure

Purity (LCMS): 99.26%

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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