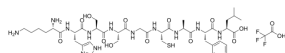


Certificate of Analysis

Product Name: Shepherdin (79-87) (TFA)
Cat. No.: CS-0835420
Batch No.: 272308
Chemical Name: L-Leucine, L-lysyl-L-histidyl-L-seryl-L-serylglycyl-L-cysteiny-L-alanyl-L-phenylalanyl- (TFA)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₄₃H₆₅F₃N₁₂O₁₄S
Molecular Weight: 1063.11
Storage: -80°C, 2 years; -20°C, 1 year (Sealed storage, away from moisture and light, under nitrogen)
Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)
MS: Consistent with structure
Purity (HPLC): 98.65%
Elemental Analysis
Theoretical: C(-), H(-), N(-), Peptide Content(≥60.0%)
Result: C(41.45%), H(5.65%), N(12.80%), Peptide Content(72.3%)
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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