

Certificate of Analysis

Product Name: PEN (human) TFA
Cat. No.: GC81433
Batch No.: 1
Chemical Name:

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.:
Molecular Formula: $C_{97}H_{159}N_{27}O_{32} \cdot xC_2HF_3O_2$
Molecular Weight: 2215.46
Storage: Sealed storage, away from moisture

Chemical Structure: Ala-Ala-Asp-His-Asp-Val-Gly-Ser-Glu-
Leu-Pro-Pro-Glu-Gly-Val-Leu-Gly-Ala-
Leu-Leu-Arg-Val (TFA salt)

ANALYTICAL DATA

Appearance: A solid
HNMR: Consistent with structure
HPLC: Consistent with structure
Purity: >97.00%
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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