

Certificate of Analysis

Product Name: Imperatoxin A TFA
Cat. No.: GC74350
Batch No.: 1
Chemical Name:

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.:
Molecular Formula: $C_{148}H_{254}N_{58}O_{45}S_6 \cdot xC_2HF_3O_2$
Molecular Weight: 3758.35 (free base)
Storage: Sealed storage, away from moisture

Chemical Structure: Gly-Asp-Cys-Leu-Pro-His-Leu-Lys-Arg-
Cys-Lys-Ala-Asp-Asn-Asp-Cys-Cys-Gly-
Lys-Lys-Cys-Lys-Arg-Arg-Gly-Thr-Asn-
Ala-Glu-Lys-Arg-Cys-Arg (Disulfide
bridge: Cys3-Cys17; Cys10-Cys21; Cys16-
Cys32) (TFA salt)

ANALYTICAL DATA

Appearance: A solid
HNMR: Consistent with structure
HPLC: Consistent with structure
Purity: >98.00%
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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