

Certificate of Analysis

Product Name: ShK toxin TFA
Cat. No.: GC79543
Batch No.: 1
Chemical Name:

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.:
Molecular Formula: $C_{169}H_{274}N_{54}O_{48}S_7 \cdot xC_2HF_3O_2$
Molecular Weight: 4054.8
Storage: Sealed storage, away from moisture

Chemical Structure: Arg-Ser-Cys-Ile-Asp-Thr-Ile-Pro-Lys-Ser-
Arg-Cys-Thr-Ala-Phe-Gln-Cys-Lys-His-
Ser-Met-Lys-Tyr-Arg-Leu-Ser-Phe-Cys-
Arg-Lys-Thr-Cys-Gly-Thr-Cys (Disulfide
bridge: Cys3-Cys35; Cys12-Cys28;
Cys17-Cys32) (TFA salt)

ANALYTICAL DATA

Appearance: A solid
HNMR: Consistent with structure
HPLC: Consistent with structure
Purity: >97.50%
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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