

GsMTx4 (TFA)

Cat. No.: HY-P1410A
Batch No.: 447790
Chemical Name: GCLEFWWKCNPNDDKCCRPKLC SKLFKLCNFSF-NH₂ (Disulfide bridge:Cys₂-Cys₁₇, Cys₉-Cys₁₇, Cys₁₆-Cys₃₀) (TFA salt)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₁₈₅H₂₇₃N₄₉O₄₅S₆.xC₂HF₃O₂
Molecular Weight: 4095.84 (free base)
Storage: Sealed storage, away from moisture and light
Powder -80°C 2 years
-20°C 1 year
* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

Chemical Structure:

Gly-Cys-Leu-Glu-Phe-Trp-Trp-Lys-Cys-Asn-Pro-Asn-Asp-Asp-Lys-Cys-Cys-Arg-Pro-Lys-Leu-Lys-Cys-Ser-Lys-Leu-Phe-Lys-Leu-Cys-Asn-Phe-Ser-Phe-NH₂
(Disulfide bridge:Cys₂-Cys₁₇, Cys₉-Cys₂₃, Cys₁₆-Cys₃₀) (TFA salt)

ANALYTICAL DATA

Appearance: White to off-white (Solid)
MS: Consistent with structure
Purity (HPLC): 99.80%
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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