

HsTX1 (TFA)

Cat. No.: HY-P5182A
Batch No.: 382847
Chemical Name: L-Cysteinamide, L-alanyl-L-seryl-L-cysteinyl-L-arginyl-L-threonyl-L-prolyl-L-lysyl-L- α -aspartyl-L-cysteinyl-L-alanyl-L- α -aspartyl-L-prolyl-L-cysteinyl-L-arginyl-L-lysyl-L- α -glutamyl-L-threonylglycyl-L-cysteinyl-L-prolyl-L-tyrosylglycyl-L-lysyl-L-cysteinyl-L-methionyl-L-asparaginyl-L-arginyl-L-lysyl-L-cysteinyl-L-lysyl-L-cysteinyl-L-asparaginyl-L-arginyl-, cyclic (3→24),(9→29),(13→31),(19→34)-tetrakis(disulfide) (TFA salt)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₁₄₉H₂₄₆N₅₄O₄₆S_{9-x}C₂HF₃O₂
Molecular Weight: 3818.47 (free base)
Storage: Sealed storage, away from moisture
Powder -80°C 2 years
 -20°C 1 year
* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

ASCRTPKDCADPQRKETGCPYGGKMNRRKCKNRC-NH₂
(Disulfide Bridge: Cys₃-Cys₂₄, Cys₉-Cys₂₉, Cys₁₃-Cys₃₁, Cys₁₉-Cys₃₄) (TFA salt)

ANALYTICAL DATA

Appearance: White to off-white (Solid)
MS: Consistent with structure
Purity (HPLC): 99.16%
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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