

## C-Type Natriuretic Peptide (CNP) (1-22), human (TFA)

Cat. No.: HY-P1237A  
CAS No.: 1966153-17-2  
Batch No.: 119676  
Chemical Name: L-Cysteine, glycyl-L-leucyl-L-seryl-L-lysylglycyl-L-cysteinyl-L-phenylalanylglycyl-L-leucyl-L-lysyl-L-leucyl-L- $\alpha$ -aspartyl-L-arginyl-L-isoleucylglycyl-L-seryl-L-methionyl-L-serylglycyl-L-leucylglycyl-, cyclic (6 $\rightarrow$ 22)-disulfide, 2,2,2-trifluoroacetate (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>95</sub>H<sub>158</sub>F<sub>3</sub>N<sub>27</sub>O<sub>30</sub>S<sub>3</sub>  
Molecular Weight: 2311.62  
Storage: Sealed storage, away from moisture  
Powder -80°C 2 years  
-20°C 1 years  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

### Chemical Structure:

GLSKGCFGLKLDRIQMSGLGC (Disulfide bridge: Cys<sub>6</sub>-Cys<sub>22</sub>) (TFA salt)

### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
Purity (HPLC): 98.10%  
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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