

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

Cat. No.: HY-P1237  
CAS No.: 127869-51-6  
Batch No.: 247453  
Chemical Name: L-Cysteine, glycy-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

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>93</sub>H<sub>157</sub>N<sub>27</sub>O<sub>28</sub>S<sub>3</sub>  
Molecular Weight: 2197.60  
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:

GLSKGCFGLKLDRIQSMGLGC (Disulfide bridge: Cys<sub>6</sub>-Cys<sub>22</sub>)

### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
LCMS: Consistent with structure  
Purity (LCMS): 99.41%  
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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