

Nesiritide

Cat. No.: HY-P0003
CAS No.: 124584-08-3
Batch No.: 121290
Chemical Name: L-Histidine, L-seryl-L-prolyl-L-lysyl-L-methionyl-L-valyl-L-glutaminyglycyl-L-serylglycyl-L-cysteinyl-L-phenylalanylglycyl-L-arginyl-L-lysyl-L-methionyl-L- α -aspartyl-L-arginyl-L-isoleucyl-L-seryl-L-seryl-L-seryl-L-serylglycyl-L-leucylglycyl-L-cysteiny-L-lysyl-L-valyl-L-leucyl-L-arginyl-L-arginyl-L-, cyclic (10 \rightarrow 26)-disulfide

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{143}H_{244}N_{50}O_{42}S_4$
Molecular Weight: 3464.04
Storage: Sealed storage, away from moisture and light
Powder -80°C 2 years
-20°C 1 years
* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

Chemical Structure:

SPKMVGGSGCFGRKMDRISSSGLGCKVLRH(Disulfide bridge: Cys10-Cys26)

ANALYTICAL DATA

Appearance: White to off-white (Solid)
MS: Consistent with structure
Purity (HPLC): 98.45%
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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