

**Proteins** 

# **Screening Libraries**

# **Certificate of Analysis**

# Crustacean cardioactive peptide, free acid

Cat. No.: HY-P0303 CAS No.: 309247-84-5 Batch No.: 292612

**Chemical Name:** L-Cysteine, L-prolyl-L-phenylalanyl-L-cysteinyl-L-asparaginyl-L-alanyl-L-phenylalanyl-L-threony

lglycyl-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $\mathsf{C}_{42}\mathsf{H}_{58}\mathsf{N}_{10}\mathsf{O}_{12}\mathsf{S}_{2}$ 

**Molecular Weight:** 959.10

Sealed storage, away from moisture and light, under nitrogen Storage:

> -80°C Powder 2 years -20°C 1 year

\* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light, under

Chemical Structure:

# ANALYTICAL DATA

Appearance: White to off-white (Solid) MS: Consistent with structure

Purity (HPLC): 98.52%

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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