

## **Certificate of Analysis**

## Bivalirudin

Cat. No.: HY-P1929 CAS No .: 128270-60-0 Batch No.: 242210

**Chemical Name:** L-Leucine, D-phenylalanyl-L-prolyl-L-arginyl-L-prolylglycylglycylglycylglycyl-L-asparaginylglycyl

 $-L-\alpha-aspartyl-L-phenylalanyl-L-\alpha-glutamyl-L-\alpha-glutamyl-L-isoleucyl-L-prolyl-L-\alpha-glutamyl-L-\alpha-glutamyl-L-\alpha-glutamyl-L-neg$ 

utamyl-L-tyrosyl-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{98}H_{138}N_{24}O_{33}$ 2180.29 **Molecular Weight:** 

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:** 

## ANALYTICAL DATA

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

Purity (LCMS): 99.65%

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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