

## Ecnoglutide

|                |  |
|----------------|--|
| Cat. No.:      | HY-P3366   |
| CAS No.:       | 2459531-73-6   |
| Batch No.:     | 394026   |
| Chemical Name: | Glycine, L-histidyl-L-valyl-L- $\alpha$ -glutamylglycyl-L-threonyl-L-phenylalanyl-L-threonyl-L-seryl-L- $\alpha$ -aspartyl-L-valyl-L-seryl-L-seryl-L-tyrosyl-L-leucyl-L- $\alpha$ -glutamyl-L- $\alpha$ -glutamyl-L-glutamyl-L-alanyl-L-alanyl-L-arginyl-L- $\alpha$ -glutamyl-L-phenylalanyl-L-isoleucyl-N6-[N-(17-carboxy-1-oxoheptadecyl)-L- $\gamma$ -glutamyl-2-[2-(2-aminoethoxy)ethoxy]acetyl-2-[2-(2-aminoethoxy)ethoxy]acetyl]-L-lysyl-L-tryptophyl-L-leucyl-L-valyl-L-arginylglycyl-L-arginyl- |

### PHYSICAL AND CHEMICAL PROPERTIES

|                    |  |
|--------------------|--|
| Molecular Formula: | C <sub>194</sub> H <sub>304</sub> N <sub>48</sub> O <sub>61</sub>  |
| Molecular Weight:  | 4284.76  |
| Storage:           | Sealed storage, away from moisture<br>Powder            -80°C      2 years<br>-20°C      1 year<br>* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture) |

Chemical Structure:

## Ecnoglutide

### ANALYTICAL DATA

|                |   |
|----------------|---|
| Appearance:    | White to off-white (Solid)  |
| MS:            | Consistent with structure   |
| Purity (HPLC): | 98.61%  |
| 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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