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## Certificate of Analysis

## Secretoneurin, rat

Cat. No.:	HY-P1764
CAS No.:	149146-12-3
Batch No.:	260620
<b>Chemical Name:</b> L-Glutamine, L-threonyl-L-asparaginyl-L-α-glutamyl-L-isoleucyl-L-valyl-L-α-glutamyl-	
	myl-L-glutaminyl-L-tyrosyl-L-threonyl-L-prolyl-L-glutaminyl-L-seryl-L-leucyl-L-alanyl-L-threonyl
	-L-leucyl-L-α-glutamyl-L-seryl-L-valyl-L-phenylalanyl-L-glutaminyl-L-α-glutamyl-L-leucylglycyl-L
	-lysyl-L-leucyl-L-threonylglycyl-L-prolyl-L-seryl-L-asparaginyl-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>159</sub> H <sub>252</sub> N <sub>40</sub> O <sub>58</sub>
Molecular Weight:	3651.95
Storage:	Sealed storage, away from moisture and light, under nitrogen 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, under nitrogen)

**Chemical Structure:** 

TNEIVEEQYTPQSLATLESVFQELGKLTGPSNQ

#### **ANALYTICAL DATA**

Appearance:	White to off-white (Solid)
MS:	Consistent with structure
Purity (HPLC):	99.78%
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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