## **Certificate of Analysis**

## Semax (acetate)

 Cat. No.:
 HY-P1146A

 CAS No.:
 2828433-33-4

 Batch No.:
 309417

Chemical Name: L-Proline, L-methionyl-L-α-glutamyl-L-histidyl-L-phenylalanyl-L-prolylglycyl-, acetate (1:1)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{39}H_{55}N_9O_{12}S$ 

Molecular Weight: 873.97

Storage: Sealed storage, away from moisture and light

Powder -80°C 2 years

-20°C 1 year

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

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

LCMS: Consistent with structure

Purity (LCMS): 99.91%

**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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