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## Certificate of Analysis

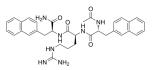
### MCL0020

| Cat. No.:      | HY-107627   |
|----------------|---|
| CAS No.:       | 475498-26-1   |
| Batch No.:     | 372665  |
| Chemical Name: | L-Alaninamide, N-acetyl-3-(2-naphthalenyl)-D-alanyl-L-arginyl-3-(2-naphthalenyl)- |

#### PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Formula: | $C_{34}H_{39}N_7O_4$   |       |         |
|--------------------|--|-------|---------|
| Molecular Weight:  | 609.72   |       |         |
| Storage:           | Sealed storage, away from moisture   |       |         |
|                    | Powder   | -80°C | 2 years |
|                    |  | -20°C | 1 year  |
|                    | * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture |       |         |

#### Chemical Structure:



#### ANALYTICAL DATA

| Appearance:                  | White to off-white (Solid)  |
|------------------------------|---|
| <sup>1</sup> H NMR Spectrum: | Consistent with structure   |
| LCMS:                        | Consistent with structure   |
| Purity (LCMS):               | 99.93%  |
| 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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