

Certificate of Analysis

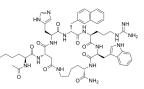
SHU 9119

| Cat. No.: | НҮ-Р0227 |
|----------------|--|
| CAS No.: | 168482-23-3 |
| Batch No.: | 272495 |
| Chemical Name: | L-Lysinamide, N-acetyl-L-norleucyl-L-α-aspartyl-L-histidyl-3-(2-naphthalenyl)-D-alanyl-L-arginyl |
| | -L-tryptophyl-, (2→7)-lactam |

PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Formula: | $C_{54}H_{71}N_{15}O_9$ | | |
|--------------------|--|-------------|---|
| Molecular Weight: | 1074.24 | | |
| 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): | 99.95% |
| 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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