# Certificate of Analysis

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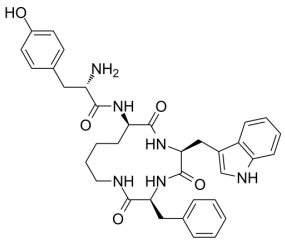
|---|---|
| **Product Name:** | CYT-1010 |
| **Cat. No.:** | HY-123534 |
| **CAS No.:** | 213769-33-6 |
| **Batch No.:** | 42644 |
| **Chemical Name:** | L-Phenylalanine, L-tyrosyl-D-lysyl-L-tryptophyl-, (4→2)-lactam |

## PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|---|---|---|---|
| **Molecular Formula:** | $C_{35}H_{40}N_6O_5$ | | |
| **Molecular Weight:** | 624.73 | | |
| **Storage:** | Powder | -20°C | 3 years |
| | | 4°C | 2 years |
| | In solvent | -80°C | 6 months |
| | | -20°C | 1 month |

**Chemical Structure:**



## ANALYTICAL DATA

| | |
|---|---|
| **Appearance:** | White to off-white (Solid) |
| **$^1$H NMR Spectrum:** | Consistent with structure |
| **LCMS:** | Consistent with structure |
| **Purity (LCMS):** | 99.74% |
| **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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