# Certificate of Analysis



## JH-XI-10-02

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|---|---|
| **Cat. No.:** | HY-111518 |
| **CAS No.:** | 2209085-22-1 |
| **Batch No.:** | 97068 |
| **Chemical Name:** | 4,7,10,13-Tetraoxapentadecanamide, 15-[[2-(2,6-dioxo-3-piperidinyl)-2,3-dihydro-1,3-dioxo-1H-isoindol-4-yl]amino]-N-[(3β,5α,17β)-17-(7-isoquinolinyl)androstan-3-yl]-N-methyl- |

### PHYSICAL AND CHEMICAL PROPERTIES

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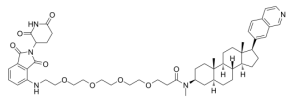
|---|---|---|---|
| **Molecular Formula:** | $C_{53}H_{69}N_5O_9$ | | |
| **Molecular Weight:** | 920.14 | | |
| **Storage:** | Powder | -20°C | 3 years |
| | | 4°C | 2 years |
| | In solvent | -80°C | 6 months |
| | | -20°C | 1 month |

**Chemical Structure:**



### ANALYTICAL DATA

| | |
|---|---|
| **Appearance:** | Yellow to brown (Solid) |
| **$^1$H NMR Spectrum:** | Consistent with structure |
| **LCMS:** | Consistent with structure |
| **Purity (LCMS):** | 98.18% |
| **DE:** | 99.82% |
| **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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