Certificate of Analysis

Birinapant

Cat. No.: HY-16591

CAS No.: 1260251-31-7

Batch No.: 79339

Chemical Name: Propanamide, N,N'-[(6,6'-difluoro[2,2'-bi-1H-indole]-3,3'-diyl)bis[methylene[(2R,4S)-4-hydroxy-2,1-pyrrolidinediyl][(1S)-1-ethyl-2-oxo-2,1-ethanediyl]]]bis[2-(methylamino)-, (2S,2'S)-

PHYSICAL AND CHEMICAL PROPERTIES

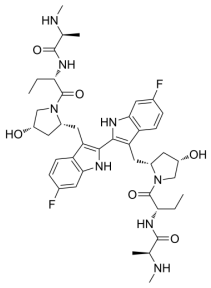
Molecular Formula: $C_{42}H_{56}F_2N_8O_6$

Molecular Weight: **806.94**

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: Off-white to light yellow (Solid)

^{1}H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): **99.70%**

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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