

Certificate of Analysis

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 Product Name
 : Birinapant

 Cat. No.
 : PC-21402

 CAS No.
 : 1260251-31-7

 Batch No.
 : PC-2140201

Chemical Name : (2S,2'S)-N,N'-((2S,2'S)-((3S,3'S,5R,5'R)-((6,6'-difluoro-1H,1'H-[2,2'-biindole]-3,3'-

diyl)bis(methylene))bis(3-hydroxypyrrolidine-5,1-diyl))bis(1-oxobutane-1,2-diyl))bis(2-

(methylamino)propanamide)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight : 806.96

 $\begin{tabular}{ll} \textbf{Molecular Formula} & : & $C_{42}H_{56}F_2N_8O_6$ \\ \end{tabular}$

Storage : Powder -20°C 12 Months

4°C 6 Months

In solvent -80°C 6 Months

-20°C 6 Months

Chemical Structure

HO... NH HN H

ANALYTICAL DATA

Appearance : Solid powder

¹H NMR Spectrum : Consistent with
HPLC : Consistent with
NP : Consistent with

Purity (HPLC and/or LCMS) : >98%

Conclusion : The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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