

Certificate of Analysis

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 Product Name
 : Vinblastine

 Cat. No.
 : PC-45239

 CAS No.
 : 865-21-4

 Batch No.
 : PC-4523901

Chemical Name : Dimethyl(2β , 3β , 4β , 5α , 12β , 19α) - 15-[(5S, 9S) - 5-ethyl - 5-hydroxy - 9-(methoxycarbonyl) -

 $1,\!4,\!5,\!6,\!7,\!8,\!9,\!10\text{-}octahydro-2H-3,\!7\text{-}methanoazacycloundecino} [5,\!4\text{-}b] indol-9\text{-}yl]-3\text{-}hydroxy-16\text{-}indol-9\text{-}yl]-3\text{-}h$

methoxy-1-methyl-6,7-didehydroaspidospermidine-3,4-dicarboxylate

PHYSICAL AND CHEMICAL PROPERTIES

 $\begin{array}{lll} \textbf{Molecular Weight} & \textbf{:} & 810.9741 \\ \textbf{Molecular Formula} & \textbf{:} & C_{46} H_{58} N_4 O_9 \\ \end{array}$

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 : Solid powder

HNMR Spectrum : Consistent with
HPLC : Consistent with
NP : Consistent with

Purity (HPLC) : >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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