

## **Certificate of Analysis**

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**Product Name** : Masitinib mesylate

 Cat. No.
 : PC-42455

 CAS No.
 : 1048007-93-7

 Batch No.
 : PC-4245501

Chemical Name : Benzamide, 4-[(4-methyl-1-piperazinyl)methyl]-N-[4-methyl-3-[[4-(3-pyridinyl)-2-

thiazolyl]amino]phenyl]-, methanesulfonate (1:1)

## **PHYSICAL AND CHEMICAL PROPERTIES**

 $\begin{tabular}{lll} \textbf{Molecular Weight} & : & 594.748 \\ \begin{tabular}{lll} \textbf{Molecular Formula} & : & $C_{29}H_{34}N_6O_4S_2$ \\ \end{tabular}$ 

**Storage** : Powder -20°C 12 Months

4°C 6 Months

In solvent -80°C 6 Months

-20°C 1 Month

Chemical Structure :

## **ANALYTICAL DATA**

Appearance: Solid powder¹H NMR Spectrum: Consistent withHPLC: Consistent withNP: 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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