## **Certificate of Analysis**

## **Bosutinib**

Cat. No.: HY-10158
CAS No.: 380843-75-4
Batch No.: 04163

Chemical Name: 3-Quinolinecarbonitrile, 4-[(2,4-dichloro-5-methoxyphenyl)amino]-6-methoxy-7-[3-(4-methyl-1-

piperazinyl)propoxy]-

## PHYSICAL AND CHEMICAL PROPERTIES

 $\label{eq:molecular-formula:} \text{Molecular Formula:} \hspace{1cm} \text{$C_{26}$H}_{29}\text{$Cl}_2\text{$N_5$O}_3$}$ 

Molecular Weight: 530.45

**Storage:** 4°C, protect from light

\* In solvent: -80°C, 1 year; -20°C, 6 months (protect from light)

**Chemical Structure:** 

## ANALYTICAL DATA

Appearance: White to yellow (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.96%

**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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