## **Certificate of Analysis**

## **Itacnosertib**

Cat. No.: HY-109179 CAS No.: 1628870-27-8 Batch No.: 125254

**Chemical Name:** 2,4-Pyrimidinediamine, N4-[2,2'-bipyridin]-3-yl-N2-[3-methoxy-4-(4-methyl-1-piperazinyl)pheny

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## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $\mathsf{C}_{26}\mathsf{H}_{28}\mathsf{N}_8\mathsf{O}$ **Molecular Weight:** 468.55

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 gray (Solid) <sup>1</sup> H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (LCMS): 99.77%

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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