# **Certificate of Analysis**

## Mps1-IN-3 (hydrochloride)

**Cat. No.:** HY-12401A **Batch No.:** 158676

Chemical Name: 4-Piperidinol, 1-[3-methoxy-4-[[6-[[2-[(1-methylethyl)sulfonyl]phenyl]amino]-9H-purin-2-yl]ami

no]phenyl]-,hydrochloride

#### PHYSICAL AND CHEMICAL PROPERTIES

 $\label{eq:control_of_solution} \mbox{Molecular Formula:} \qquad \qquad \mbox{$C_{26}$H$}_{32}\mbox{$ClN$}_{7}\mbox{$O_{4}$S}$ 

Molecular Weight: 574.09

**Storage:** -20°C, sealed storage, away from moisture

\* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

#### **Chemical Structure:**

### **ANALYTICAL DATA**

Appearance: Light yellow to green yellow (Solid)

<sup>1</sup>H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

**Purity (LCMS):** 98.06%

**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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