## **Certificate of Analysis**

## **ALK-IN-1**

**Cat. No.:** HY-13464 **CAS No.:** 1197958-12-5

Batch No.: 10100

Chemical Name: 2,4-Pyrimidinediamine, 5-chloro-N2-[4-[4-(dimethylamino)-1-piperidinyl]-2-methoxyphenyl]-N4

-[2-(dimethylphosphinyl)phenyl]-

## PHYSICAL AND CHEMICAL PROPERTIES

 $\label{eq:molecular Formula: C26H34ClN6O2P} \mbox{Molecular Formula: } \mbox{C}_{26}\mbox{H}_{34}\mbox{ClN}_{6}\mbox{O}_{2}\mbox{P}$ 

Molecular Weight: 529.01

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 2 years

-20°C 1 year

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

LCMS: Consistent with structure

Purity (LCMS): 99.94%

**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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