Inhibitors

## **Certificate of Analysis**

## Ilaprazole (sodium hydrate)

Cat. No.: HY-B2145A CAS No.: 2322264-11-7 Batch No.: 295651

**Chemical Name:** 1H-Benzimidazole, 2-[[(4-methoxy-3-methyl-2-pyridinyl)methyl]sulfinyl]-6-(1H-pyrrol-1-yl)-, sod

ium salt, hydrate (1:1:2)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{19}H_{21}N_4NaO_4S$ 

**Molecular Weight:** 424.45

Storage: 4°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

White to light yellow (Solid) Appearance: <sup>1</sup>H NMR Spectrum: Consistent with structure

99.15% Purity (HPLC): Water(KF): 9.0%

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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