Certificate of Analysis

Pantoprazole (sodium hydrate)

Cat. No.: HY-17507B CAS No.: 164579-32-2 Batch No.: 123166

Chemical Name: 1H-Benzimidazole, 6-(difluoromethoxy)-2-[[(3,4-dimethoxy-2-pyridinyl)methyl]sulfinyl]-, sodiu

m salt, hydrate (2:2:3)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $\mathsf{C}_{16}\mathsf{H}_{17}\mathsf{F}_2\mathsf{N}_3\mathsf{NaO}_{5.5}\mathsf{S}$

Molecular Weight: 432.37

4°C, sealed storage, away from moisture and light Storage:

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

Chemical Structure:

1.5H₂O

ANALYTICAL DATA

Appearance: White to off-white (Solid) ¹H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (LCMS): 99.85%

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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