MedChemExpress Results Resul

Certificate of Analysis

4-Hydroxyantipyrine

Cat. No.: HY-B2150
CAS No.: 1672-63-5
Batch No.: 27736

Chemical Name: 3H-Pyrazol-3-one, 1,2-dihydro-4-hydroxy-1,5-dimethyl-2-phenyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{11}H_{12}N_2O_2$ Molecular Weight: 204.23

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

N OH

ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 98.59%

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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