Certificate of Analysis

1-Phenyl-2-pyrrolidinone

Cat. No.: HY-W103463
CAS No.: 4641-57-0
Batch No.: 268158

Chemical Name: 2-Pyrrolidinone, 1-phenyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{10}H_{11}NO$ Molecular Weight: 161.20

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ON

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.86%

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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