Certificate of Analysis

Antimalarial agent 14

Cat. No.: HY-114197
CAS No.: 1150-59-0
Batch No.: 366264

Chemical Name: 1,4-Naphthalenedione, 2-hydroxy-3-phenyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{16}H_{10}O_3$ Molecular Weight: 250.25

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: Yellow to brown (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.33%

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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