Certificate of Analysis

Didesethyl chloroquine

Cat. No.: HY-100662 CAS No.: 4298-14-0 Batch No.: 85782

Chemical Name: 1,4-Pentanediamine, N4-(7-chloro-4-quinolinyl)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{14}H_{18}CIN_3$ Molecular Weight: 263.77

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: Off-white to light yellow (Solid)

¹H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 99.91%

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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