Certificate of Analysis

Mefloquine (hydrochloride)

Cat. No.: HY-17437A CAS No.: 51773-92-3 Batch No.: 283934

Chemical Name: 4-Quinolinemethanol, α -(2R)-2-piperidinyl-2,8-bis(trifluoromethyl)-, hydrochloride (1:1), (α S)-rel

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{17}H_{17}ClF_6N_2O$

Molecular Weight: 414.77

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

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

Chemical Structure:

ANALYTICAL DATA

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

Purity (LCMS): 99.99%

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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