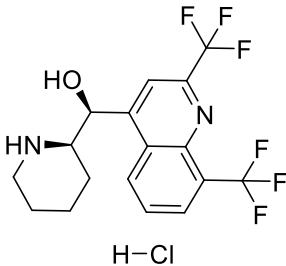




## Certificate of Analysis

|                     |                          |              |
|---------------------|--------------------------|--------------|
| <b>MedKoo Cat#:</b> | <b>Product Name:</b>     | <b>Lot#:</b> |
| 318178              | Mefloquine Hydrochloride | T20C09I17    |

|  |  |
|--|--|
| <b>Chemical name</b>   |  |
| (S)-[2,8-bis(trifluoromethyl)quinolin-4-yl]-[(2R)-piperidin-2-yl]methanol;hydrochloride  |  |
| <b>Synonyms</b>  |  |
| Mefloquine Hydrochloride; Mephaquin; Mefloquine HCL; Lorium; Mefloquine (hydrochloride); WR-177,602; WR142,490; WR177,602; Ro215998001; Roche; Brand of Mefloquine Hydrochloride |  |
| <b>Chemical structure</b>  | <b>CAS# and Theoretical analysis</b>   |
|    | MedKoo Cat#: 318178<br>Name: Mefloquine Hydrochloride<br>CAS#: 51773-92-3 (HCl)<br>Lot#:T20C09I17<br>Chemical Formula: C <sub>17</sub> H <sub>17</sub> ClF <sub>6</sub> N <sub>2</sub> O<br>Molecular Weight: 414.77 |

| <b>Analysis item</b>      | <b>Specifications / Results</b>  |
|---------------------------|--|
| <b>Appearance</b>         | White to off-white solid powder  |
| <b>Structure</b>          | <sup>1</sup> H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature. |
| <b>Purity (HPLC)</b>      | >98.0%   |
| <b>Solubility</b>         | Soluble in DMSO  |
| <b>Conclusion</b>         | This product conforms with MedKoo's quality standards  |
| <b>Shipping condition</b> | Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.                      |
| <b>Storage condition</b>  | Short term storage (weeks): 0 – 4 °C under dry condition<br>Long term storage (months): -20 °C under dry condition   |
| <b>Shelf life</b>         | At least 5 years if properly stored.   |

**CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE**