

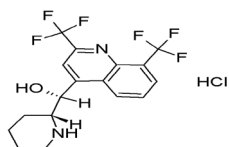
PRODUCT: Mefloquine hydrochloride

ALTERNATE NAME: (S)-[2,8-bis(trifluoromethyl)quinolin-4-yl]-[(2R)-piperidin-2-yl]methanol hydrochloride; WR-177,602

CATALOG #: B2169-10, 50

AMOUNT: 10 mg, 50 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₇H₁₇ClF₆N₂O

MOLECULAR WEIGHT: 414.77

CAS NUMBER: 51773-92-3

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO

PURITY: ≥98%

STORAGE: Store at -20 °C. Protect from light and light

DESCRIPTION: Mefloquine hydrochloride is a phospholipid-interacting antimalarial drug that is very effective against Plasmodium Falciparum with very few side effects. It has demonstrated modest *in vitro* activity against SARS-CoV and MERS-CoV in one study.

REFERENCES: Stockwell, J.R., *et al.* (1982). *Aviat Space Environ Med.* **53**, 1011-1013.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Artemisinin (**2519**)

BQR-695 (**B2078**)

Chloroquine diphosphate (**1825**)

Hydroxychloroquine sulfate (**B2051**)

Fumagillin (**2368**)

Gossypol (**2578**)

Mefloquine hydrochloride (**B2169**)

USAGE: **FOR RESEARCH USE ONLY! Not to be used in humans**