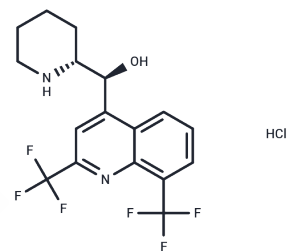


## Chemical Properties

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Description	Mefloquine hydrochloride (Mefloquin hydrochloride) is a quinoline derivative used for the prevention and therapy of <i>P. falciparum</i> malaria.
Targets(IC50)	Reactive Oxygen Species,Parasite,Autophagy,Potassium Channel,SARS-CoV

Solubility	Ethanol: 76 mg/mL (183.23 mM),Sonication is recommended. DMSO: 50 mg/mL (120.55 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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	1mg	5mg	10mg
1 mM	2.411 mL	12.0549 mL	24.1097 mL
5 mM	0.4822 mL	2.411 mL	4.8219 mL
10 mM	0.2411 mL	1.2055 mL	2.411 mL
50 mM	0.0482 mL	0.2411 mL	0.4822 mL

Fitch CD. Life Sci. 2004 Mar 5; 74(16):1957-72.

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