

# *Chem-Impex International, Inc.*

---

**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

---

## *Product Specifications*

<b>Catalogue Number</b>	35193
<b>Product</b>	<b>Mefloquine hydrochloride</b>  ( $\alpha$ S)-rel- $\alpha$ -(2R)-2-Piperidinyl-2,8-bis(trifluoromethyl)-4-quinolinemethanol monohydrochloride
<b>CAS Number</b>	51773-92-3
<b>Molecular Formula</b>	C <sub>17</sub> H <sub>17</sub> ClF <sub>6</sub> N <sub>2</sub> O

---

<b>Appearance</b>	Slight yellow to white crystalline powder
<b>Infrared Spectrum</b>	Conforms to structure
<b>X-Ray Diffraction</b>	Conforms to reference pattern (polymorph C)
<b>Residual Solvents</b>	Sum of residual solvents : $\leq 0.5\%$ 2-Propanol : $\leq 0.1\%$ 2-Methyl-2-butanol : $\leq 0.1\%$ Acetic acid : $\leq 0.5\%$
<b>Related Substances</b>	Impurity E : $\leq 0.2\%$ Impurity F : $\leq 0.1\%$ Impurity G : $\leq 0.1\%$ Each other impurity : $\leq 0.1\%$ Sum of impurities : $\leq 0.5\%$
<b>Purity by HPLC</b>	$\geq 99\%$
<b>Storage</b>	Store at RT

**For Laboratory Use Only**