

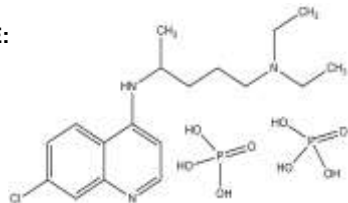
Chloroquine Diphosphate

ALTERNATE NAME: N^4 -(7-Chloro-4-quinoliny)- N^1,N^1 -dimethyl-1,4-pentanediamine diphosphate salt

CATALOG #: 1825-100, 500

AMOUNT: 100 mg, 500 mg

STRUCTURE:



MOLECULAR FORMULA: $C_{18}H_{26}ClN_3 \cdot 2H_3PO_4$

MOLECULAR WEIGHT: 515.86

CAS NUMBER: 50-63-5

APPEARANCE: White solid

SOLUBILITY: Water (100 mM)

PURITY: $\geq 98\%$ by TLC

STORAGE: Store at $-20\text{ }^{\circ}\text{C}$

DESCRIPTION: An antimalarial drug. Inhibits autophagy of glioma cells via a mechanism distinct from that of 3-Methyladenine.

REFERENCE: Sotelo, J., *et al.* (2006). *Ann. Intern. Med.* **144**, 337-343.

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

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

- Amiodarone Hydrochloride (Cat. No. 1828-100, 500)
- Bafilomycin A1 (Cat. No. 1829-50, 250)
- Leupeptin Hemisulfate (Cat. No. 1648-25, 50,100)
- LY 294002 (Cat. No. 1667-5, 25)
- EZSolution™ LY 294002 (Cat. No. 1747-5)
- Niclosamide (Cat. No. 1826-100, 500)
- Pepstatin A (Cat. No. 1732-25, 100)
- Rapamycin (Cat. No. 1568-5, 50)
- EZSolution™ Rapamycin (Cat. No. 1746-5)
- Rottlerin (Cat. No. 1827-10)
- Wortmannin (Cat. No. 1670-1)