

## Chloroquine diphosphate

Catalog No: #S0194

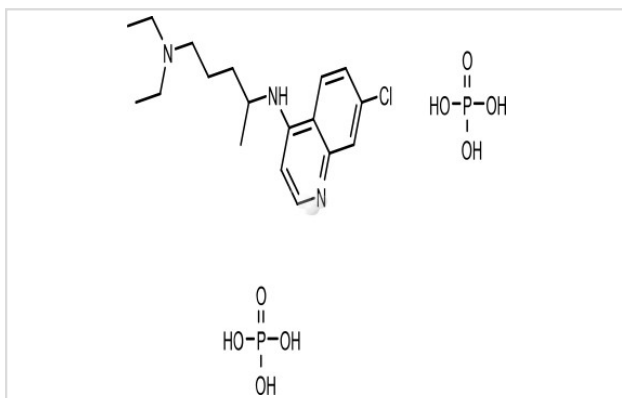
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## Description

Product Name	Chloroquine diphosphate
Brief Description	Inhibitors
Purification	99.00%
Target Name	ATM/ATR activator
Calculated MW	515.87
Formulation	C <sub>18</sub> H <sub>26</sub> ClN <sub>3</sub> (H <sub>3</sub> PO <sub>4</sub> )
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Images



## Product Description

Research Area: Immunology  
 SMILES: OP(O)(O)=O.OP(O)(O)=O.CCN(CC)CCCC(C)NC1=C2C=CC(Cl)=CC2=NC=C1  
 Pathways: DNA Damage/DNA Repair; PI3K/Akt/mTOR signaling  
 Receptor: ATM  
 Boling pt: Melting pt: 200°C  
 Solubility: Water: 100 mg/mL (193.85 mM)  
 Appearance: White Powder  
 Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several month.

## References

- Gewirtz, D.A. Biochem Pharmacol, 2014. 90(3): 208-11.

Note: This product is for in vitro research use only