

## Hydroxychloroquine sulfate

Catalog No: #S0951

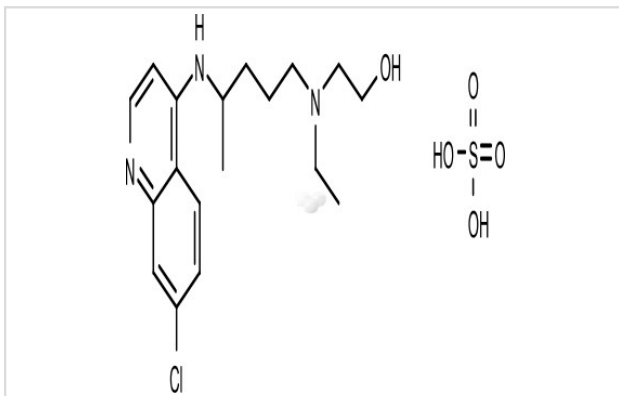
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## Description

Product Name	Hydroxychloroquine sulfate
Brief Description	Inhibitors
Purification	98.92%
Target Name	DNA Alkylation inhibitor; TLR antagonist
Calculated MW	433.95
Formulation	C <sub>18</sub> H <sub>26</sub> ClN <sub>3</sub> O <sub>4</sub> S
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Images



## Product Description

Research Area: Immunology  
 SMILES: OS(O)(=O)=O.CCN(CCO)CCCC(C)NC1=C2C=CC(Cl)=CC2=NC=C1  
 Pathways: DNA Damage/DNA Repair; Immunology/Inflammation  
 Receptor: DNA; TLR9  
 Boiling pt: 516.7°C  
 Melting pt: 240°C  
 Solubility: Water: 67 mg/mL (154.39 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

1. Koranda FC: Antimalarials. J Am Acad Dermatol. 1981 Jun;4(6):650-5.

Note: This product is for in vitro research use only