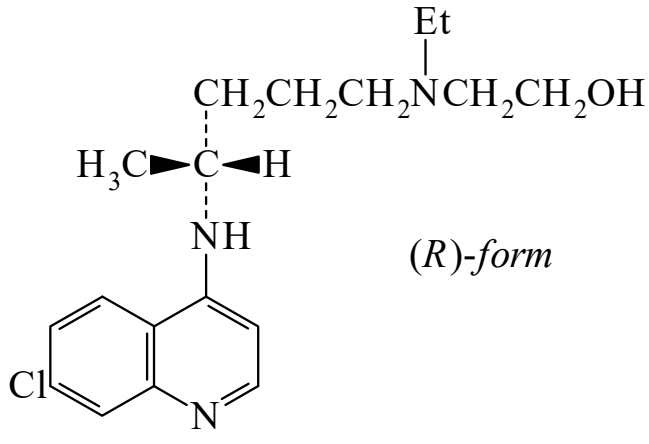
>>**Entry Name: Hydroxychloroquine,** BAN, INN
Synonym(s): 2-[[4-[(7-Chloro-4-quinolinyl)amino]pentyl]ethylamino]ethanol, 9CI. Chloquin. Ercoquin. Oxiklorin. Plaquenil. Plaquinol. Quensyl. Reumoide. Toremonil. Win 1258-2



(*R*)-*form*

CAS Registry Number: 118-42-3

Molecular Formula: $C_{18}H_{26}ClN_3O$
Molecular Weight: 335.876
Accurate Mass: 335.176439
Percentage Composition: C 64.37%; H 7.80%; Cl 10.56%; N 12.51%; O 4.76%
Use/Importance: Antimalarial and lupus erythematosus suppressant
Calculated Log P Data: Log P 3.93 (calc)
Hazard & Toxicity: LD_{50} (mus, orl) 1240 mg/kg

>>**Variant:** (*R*)-form

Molecular Formula: $C_{18}H_{26}ClN_3O$
Molecular Weight: 335.876
Accurate Mass: 335.176439
Percentage Composition: C 64.37%; H 7.80%; Cl 10.56%; N 12.51%; O 4.76%
Optical Rotation: $[\alpha]_D$ –74 (c, 0.75 in MeOH) (99% ee)

>>**Variant:** (*S*)-form

Molecular Formula: $C_{18}H_{26}ClN_3O$
Molecular Weight: 335.876
Accurate Mass: 335.176439
Percentage Composition: C 64.37%; H 7.80%; Cl 10.56%; N 12.51%; O 4.76%
Melting Point: Mp 224-225°
Optical Rotation: $[\alpha]_D^{25}$+94.4 (c, 4.2 in MeOH) (98.1% ee)

>>**Variant:** (±)-form

Molecular Formula: $C_{18}H_{26}ClN_3O$
Molecular Weight: 335.876
Accurate Mass: 335.176439
Percentage Composition: C 64.37%; H 7.80%; Cl 10.56%; N 12.51%; O 4.76%
Physical Description: Cryst. (CH_2Cl_2/hexane)
Melting Point: Mp 89-91°

>>**Derivative:** Sulfate
Synonym(s): Hydroxychloroquine sulfate, USAN

CAS Registry Number: 747-36-4
Melting Point: Mp 198°. Mp 240°
Other Data: Details of stoichiometry apparently not publ. Dimorphic

>>**Derivative:** Diphosphate

Melting Point: Mp 168-170°

References: