

Product Name : Hydroxychloroquine sulfate

Synonyms : HCQ; NSC 4375

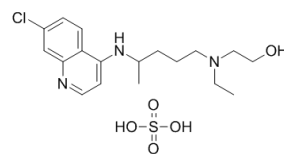
Cat No. : M15849

CAS Number : 747-36-4

Molecular Formula : C₁₈H₂₆ClN₃O·H₂SO₄

Formula Weight : 433.95

Chemical Name : 2-((4-((7-chloroquinolin-4-yl)amino)pentyl)(ethyl)amino)ethan-1-ol sulfate



Description : Hydroxychloroquine Sulfate is an antimalarial agent used for the treatment of systemic lupus erythematosus, rheumatoid arthritis and other autoimmune, inflammatory and dermatologic conditions. Also acts as an inhibitor of autophagy and toll-like receptor (TLR) 7/9.

Pathway : Cell Cycle/DNA Damage

Target : DNA Alkylator

Receptor : DNA; TLR9

Solubility : Water: 67 mg/mL (154.39 mM)

SMILES : CCN(CCO)CCCC(NC1=CC=NC2=CC(Cl)=CC=C12)C.O=S(O)(O)=O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

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