

Hydroxychloroquine sulfate, Autophagy inhibitor

Catalog	Unit
TBI1379-50MG	50 mg
TBI1379-250MG	250 mg

Product Details

Formal Name: 7-Chloro-4-[4-(N-ethyl-N-b-hydroxyethylamino)-1-methylbutylamino]quinoline, sulfate

Molecular Formula: C₁₈H₂₆ClN₃O · H₂SO₄

Formula Weight: 434.00

CAS Number: 747-36-4

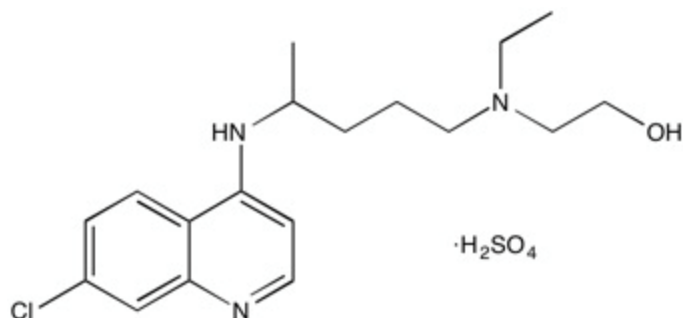
Purity: >98%

Formulation: powder

Solubility: Soluble in Water (up to 40 mg/ml).

Storage: RT

Stability: ≥ 2 years.



Applications

Autophagy inhibitor

Functions

A lysosomotropic agent which inhibits autophagy and triggers apoptosis in a variety of cell types. Augments the anticancer activity of DNA-damaging chemotherapy. Antiinflammatory activity. Decreases cell surface expression of TNF α receptors in U937 cells. Has been used to treat alopecia successfully. Clinically useful antimalaria agent. Cell permeable and active in vivo.

Application Procedures

First dissolved in Water (up to 40 mg/ml), then diluted to aqueous buffer. Solutions in water may be stored at -20°C for up to 3 months.

For research use only.