

## Certificate of Analysis

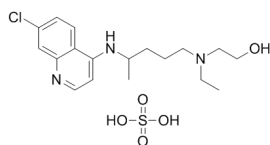
**Product Name:** Hydroxychloroquine sulfate  
**Cat. No.:** HY-B1370  
**CAS No.:** 747-36-4  
**Batch No.:** 27976  
**Chemical Name:** Ethanol, 2-[4-[(7-chloro-4-quinolinyl)amino]pentyl]ethylamino]-, sulfate (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>18</sub>H<sub>28</sub>ClN<sub>3</sub>O<sub>5</sub>S  
**Molecular Weight:** 433.95  
**Storage:**

Powder	-20°C	3 years
	4°C	2 years
In solvent	-80°C	6 months
	-20°C	1 month

**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** White to off-white (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**LCMS:** Consistent with structure  
**Purity (LCMS):** 99.99%  
**Conclusion:** The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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