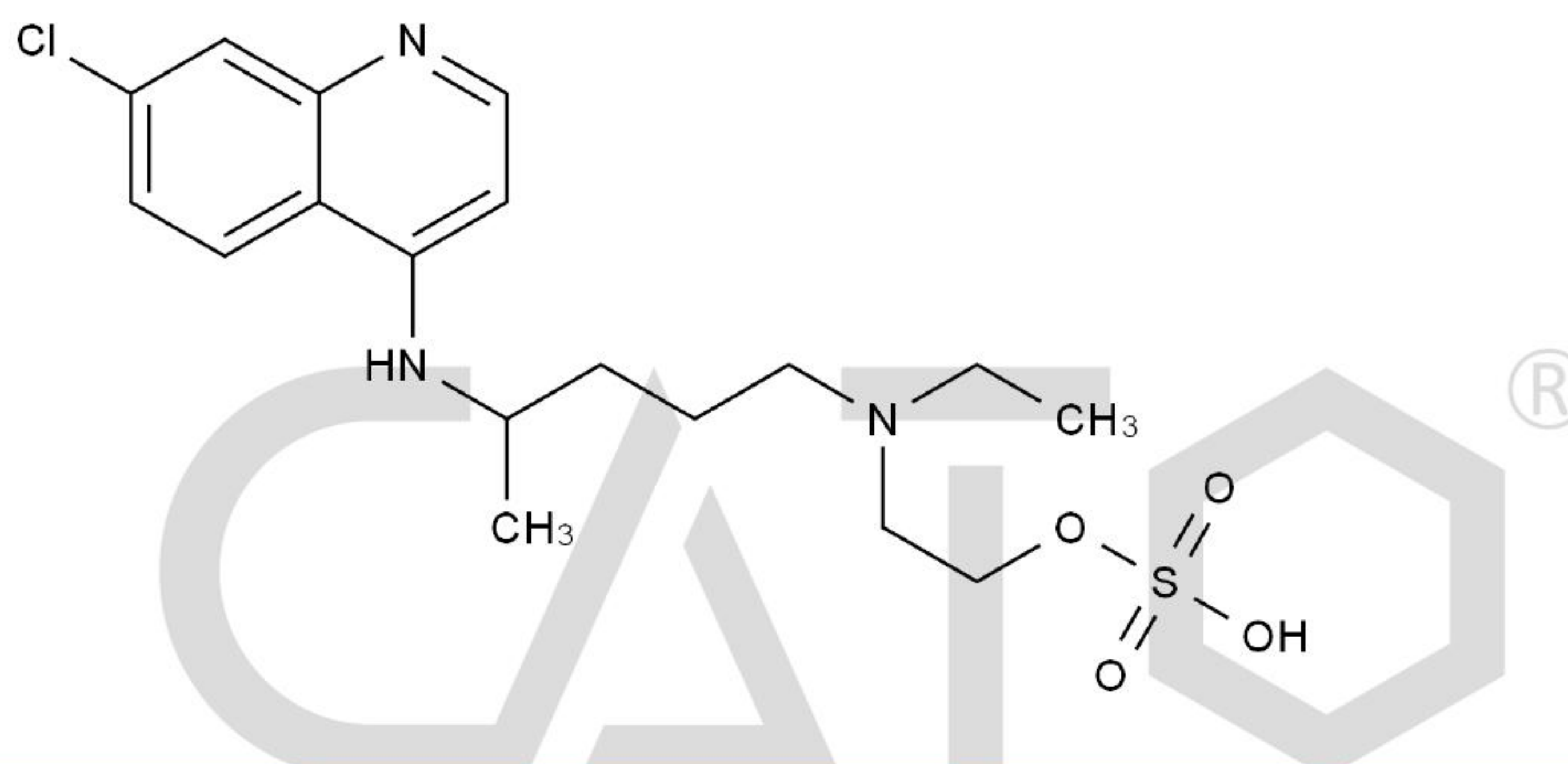


Certificate of Analysis

Reference Material & Standard

Product Name:	Hydroxychloroquine EP Impurity B	Catalogue Number:	C4X-183551
Synonyms:	N/A	Lot Number:	0527-RG-0014
CAS Number:	103152-84-7	Expiry Date:	May 25, 2028
Molecular Formula:	C ₁₈ H ₂₆ ClN ₃ O ₄ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	415.93	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.457%
Residue on Ignition	TGA	8.1724%
Loss On Drying	TGA	4.2471%
Assay		87.1%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Yuki

Reviewed by:

Ko

Approved by General Manager:

David

Date: Nov 27, 2025

Date: Nov 27, 2025

Date: Nov 27, 2025



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