

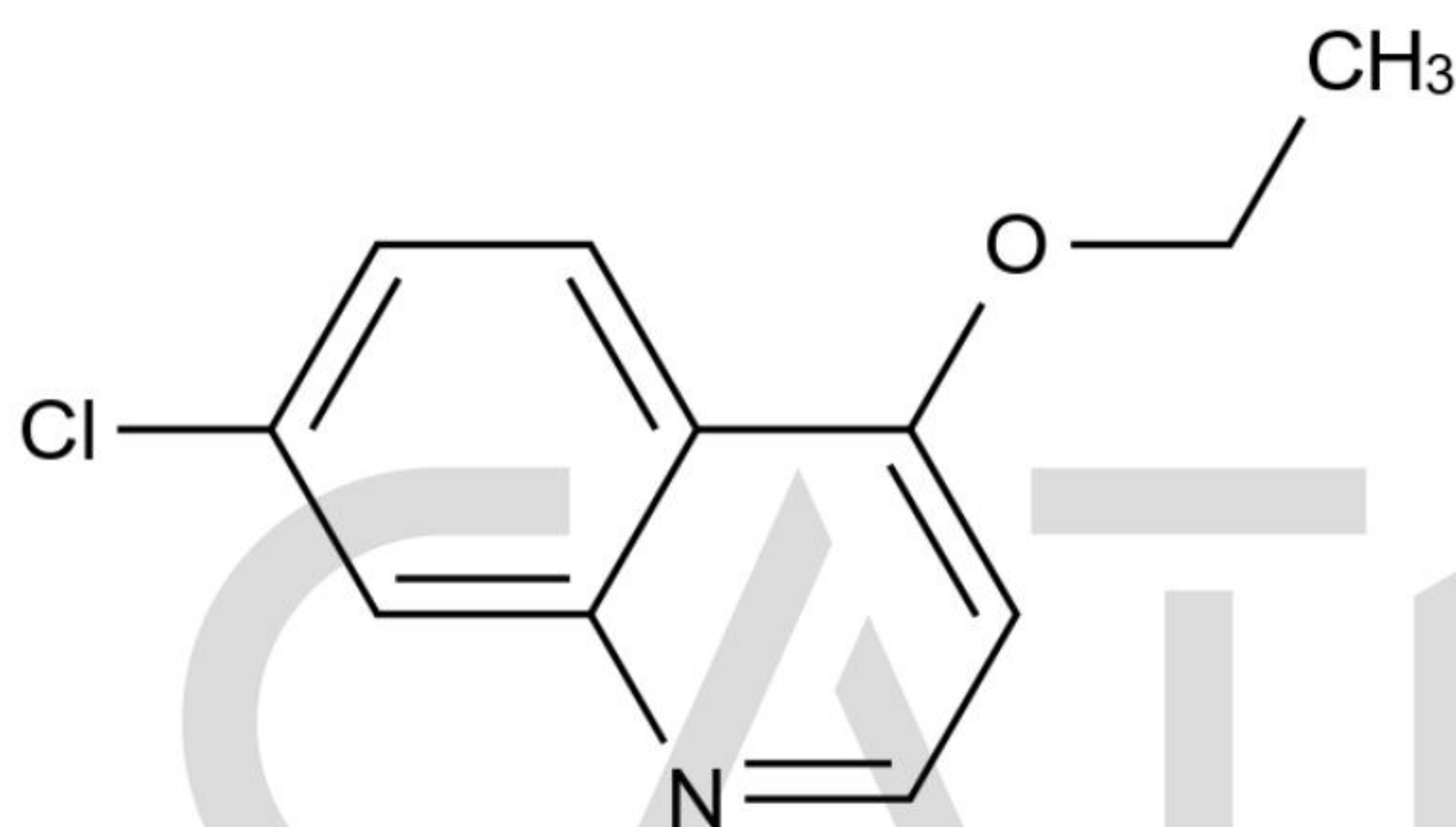
Certificate of Analysis

Reference Material & Standard

Product Name:	Hydroxychloroquine Impurity N54	Catalogue Number:	C1826854
Synonyms:	N/A	Lot Number:	0902-RG-0090
CAS Number:	5448-52-2	Expiry Date:	Sep 03, 2029
Molecular Formula:	C ₁₁ H ₁₀ ClNO	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	207.66	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	0.5588%
Assay		99.4%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

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

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

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Approved by General Manager:

David

Date: Sep 04, 2025

Date: Sep 04, 2025

Date: Sep 04, 2025

