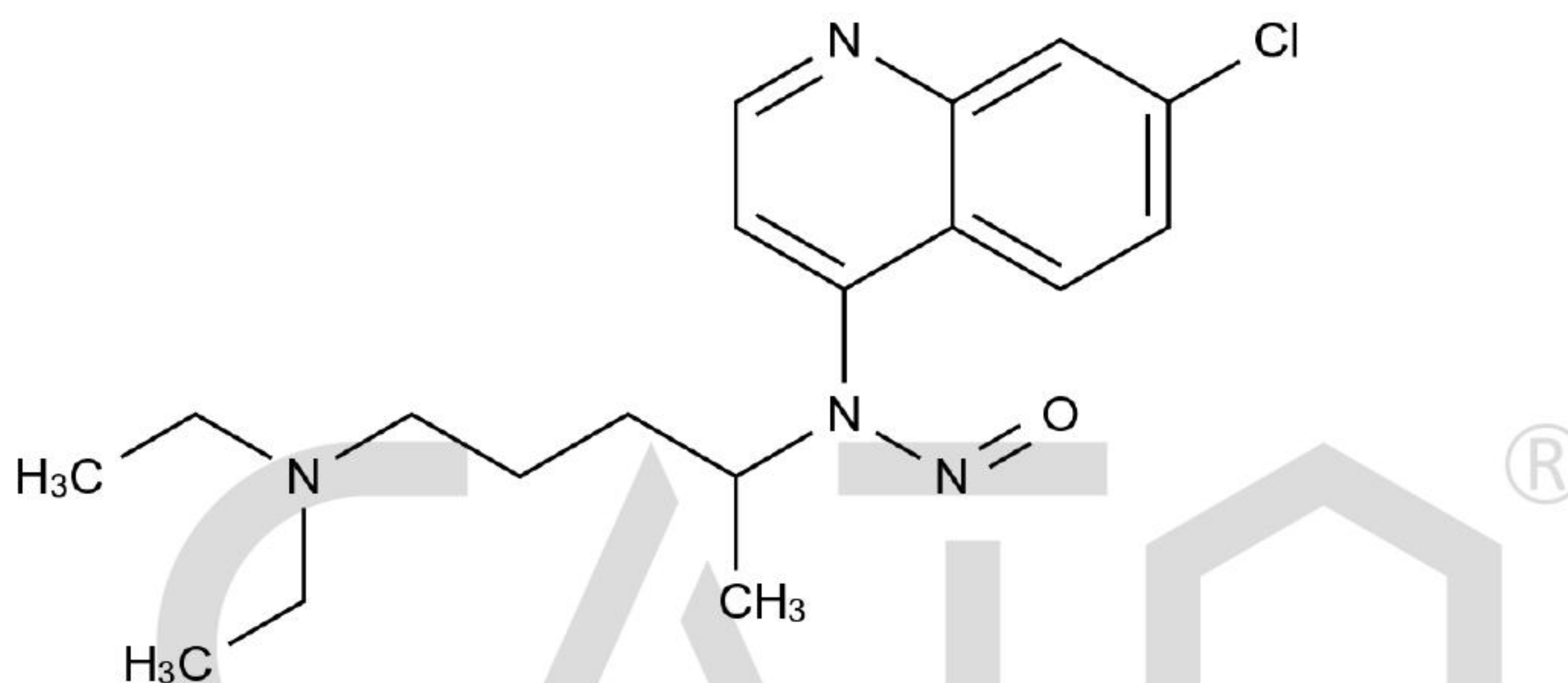


Certificate of Analysis

Reference Material & Standard

Product Name:	Chloroquine Impurity 10	Catalogue Number:	C4X-210410
Synonyms:	N-Nitroso Chloroquine	Lot Number:	0222-RF-0054
CAS Number:	N/A	Expiry Date:	Jan 31, 2027
Molecular Formula:	C ₁₈ H ₂₅ ClN ₄ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	348.87		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Brown Oil
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.9%
Assay	qNMR	96.4%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Lily

Reviewed by:

Hin Lam

Aproved by General Manager:

David

Date: Feb 23, 2024

Date: Feb 23, 2024

Date: Feb 23, 2024

