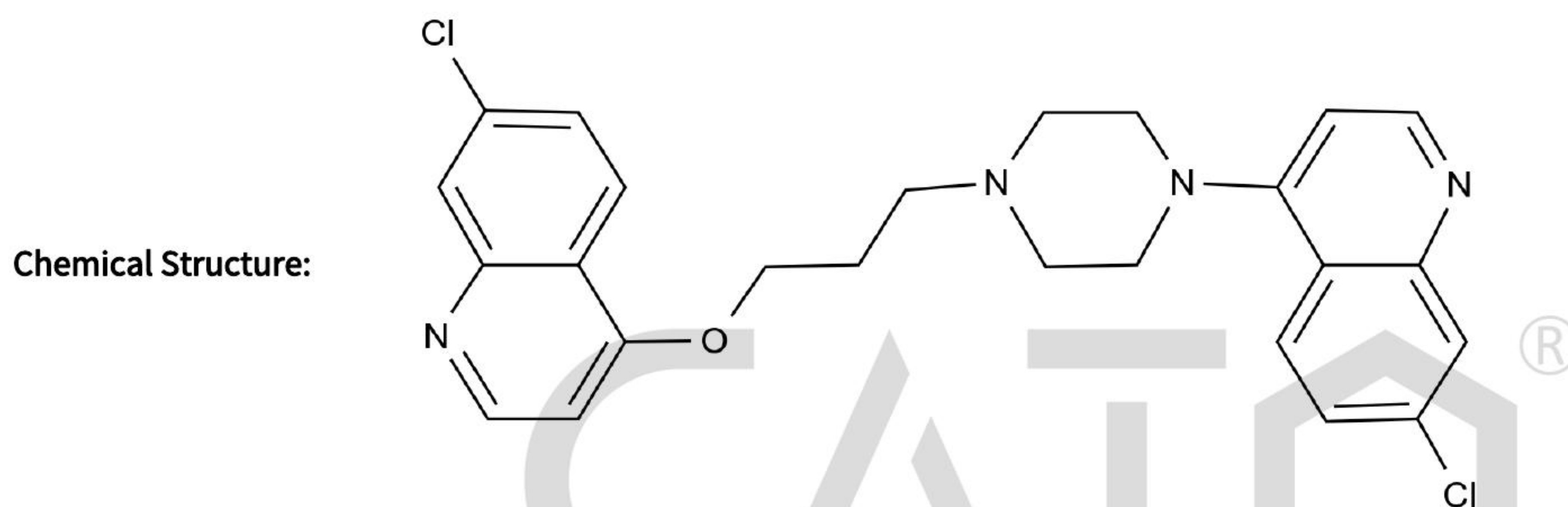


Certificate of Analysis

Reference Material & Standard

Product Name:	Piperaquine Impurity 9	Catalogue Number:	C4X-23379
Synonyms:	N/A	Lot Number:	1126-RF-0002
CAS Number:	1233345-93-1	Expiry Date:	Nov 27, 2027
Molecular Formula:	C ₂₅ H ₂₄ Cl ₂ N ₄ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	467.39		



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.088%
Loss On Drying	TGA	1.1281%
Assay		94.0%

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:

Hinlam

Approved by General Manager:

David

Date: Nov 28, 2024

Date: Nov 28, 2024

Date: Nov 28, 2024

