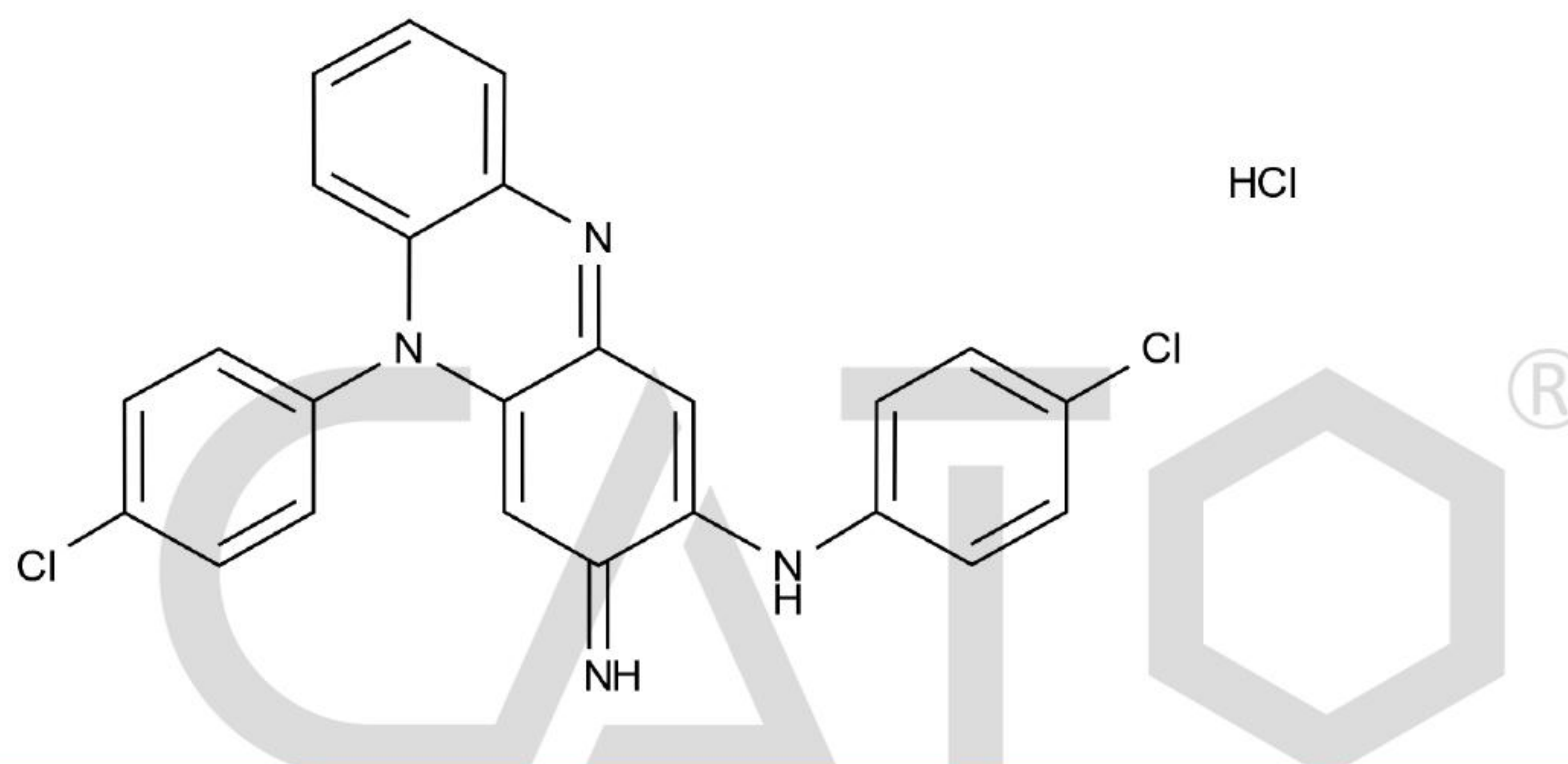


Certificate of Analysis

Reference Material & Standard

Product Name:	Clofazimine EP Impurity A	Catalogue Number:	C4X-207125
Synonyms:	N/A	Lot Number:	0113-RH-0037
CAS Number:	90690-85-0	Expiry Date:	Jan 15, 2030
Molecular Formula:	C ₂₄ H ₁₆ Cl ₂ N ₄ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	431.32 36.46	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Black Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.633%
Residue on Ignition	TGA	0.8641%
Loss on Drying	TGA	0.9084%
Assay		93.9%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jan 16, 2026

Date: Jan 16, 2026

Date: Jan 16, 2026



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

