

Certificate of Analysis

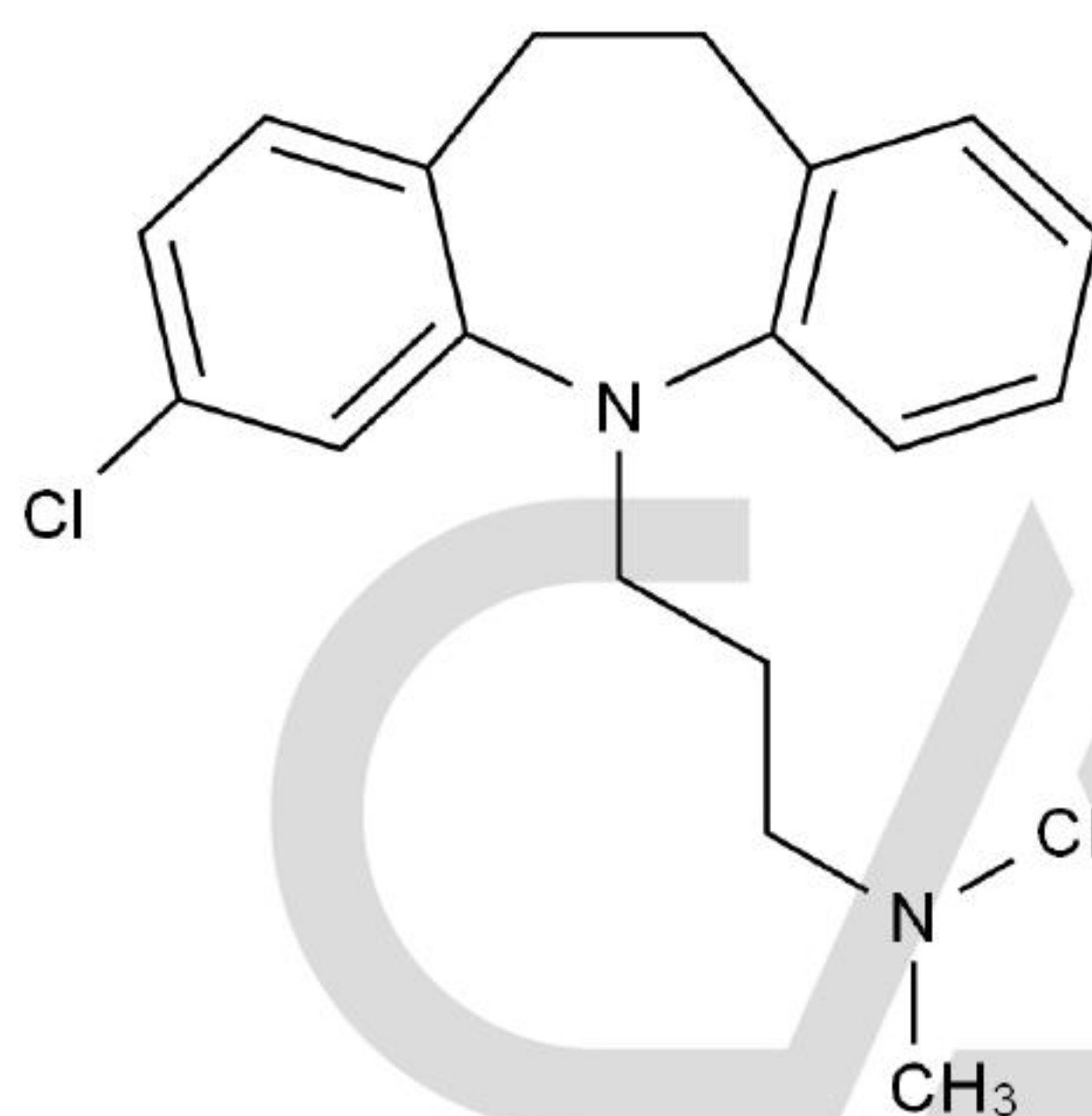
Reference Material & Standard

Product Name:	Clomipramine Hydrochloride	Catalogue Number:	C4X-1265
Synonyms:	N/A	Lot Number:	1013-RG-0114
CAS Number:	17321-77-6	Expiry Date:	Oct 16, 2029
Molecular Formula:	C ₁₉ H ₂₃ ClN ₂ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	314.85 36.46		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.678%
Residue on Ignition	TGA	0.0291%
Loss On Drying	TGA	0.0441%
Assay		99.6%

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:

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Reviewed by:

Koi

Approved by General Manager:

David

Date: Oct 17, 2025

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