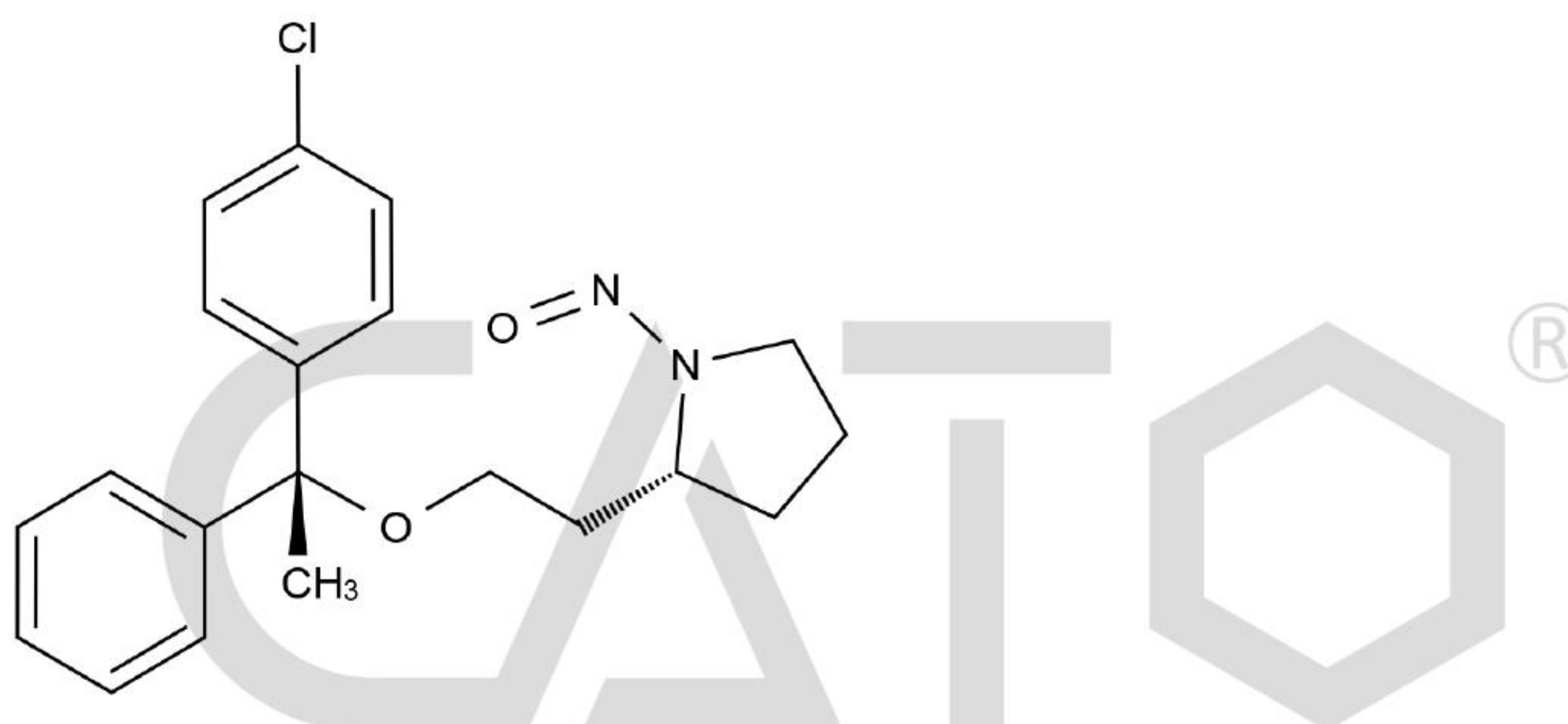


Certificate of Analysis

Reference Material & Standard

Product Name:	Clemastine Impurity 24	Catalogue Number:	C4X-183724
Synonyms:	N/A	Lot Number:	1204-RG-0090
CAS Number:	N/A	Expiry Date:	Dec 11, 2029
Molecular Formula:	C ₂₀ H ₂₃ ClN ₂ O ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	358.86	Shipping Condition:	Shipping with Ice Packs
Solubility:	DMSO		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.515%
Loss On Drying	TGA	2.6177%
Assay		95.9%

Comment:

The calculation of the mass balance 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:

Koi

Approved by General Manager:

David

Date: Dec 12, 2025

Date: Dec 15, 2025

Date: Dec 15, 2025



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