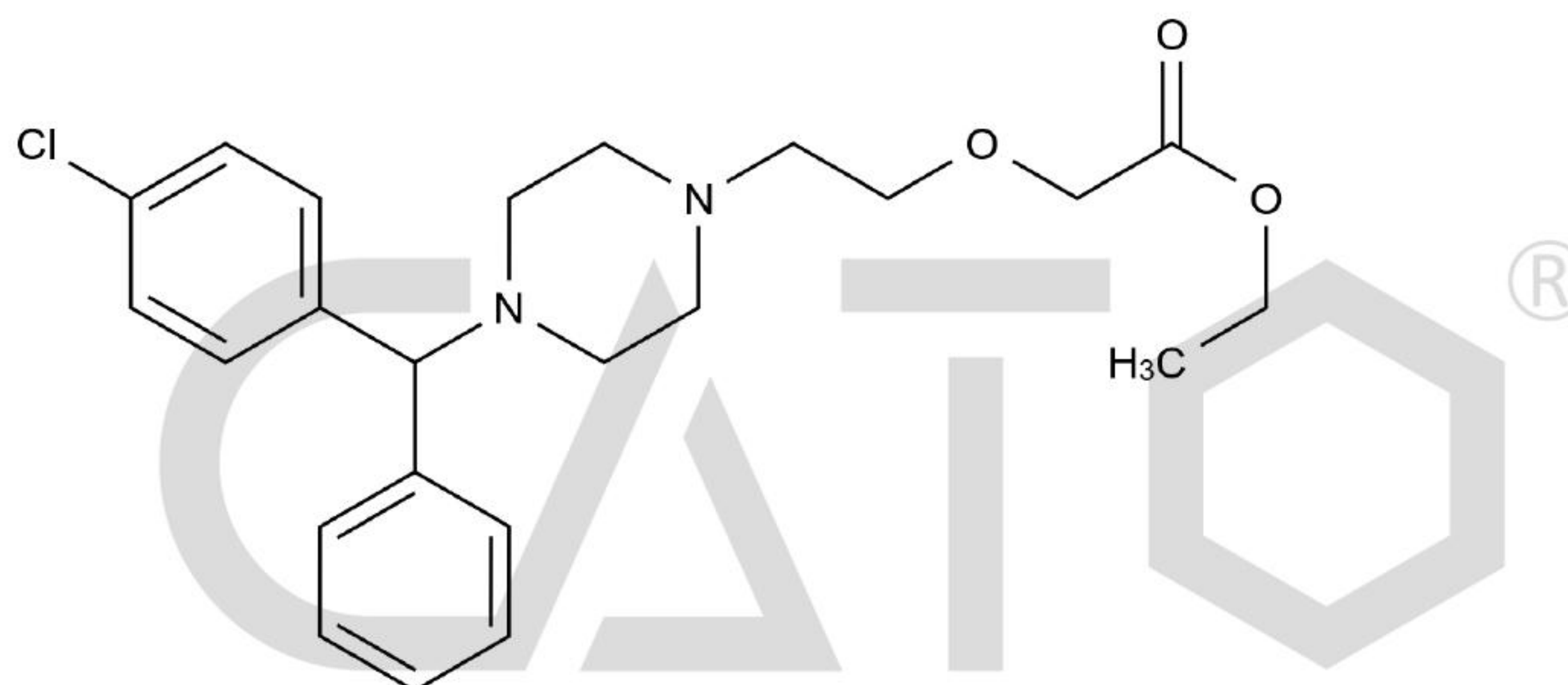


Certificate of Analysis

Reference Material & Standard

Product Name:	Levocetirizine Impurity 11	Catalogue Number:	C4X-108311
Synonyms:	N/A	Lot Number:	0413-RH-0024
CAS Number:	246870-46-2	Expiry Date:	Apr 15, 2030
Molecular Formula:	C ₂₃ H ₂₉ ClN ₂ O ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	416.94	Shipping Condition:	Shipping with Ice Packs
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	93.645%
Residue on Ignition	TGA	2.9129%
Loss on Drying	TGA	0.9411%
Assay		90.0%

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: Apr 16, 2026

Date: Apr 16, 2026

Date: Apr 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>

