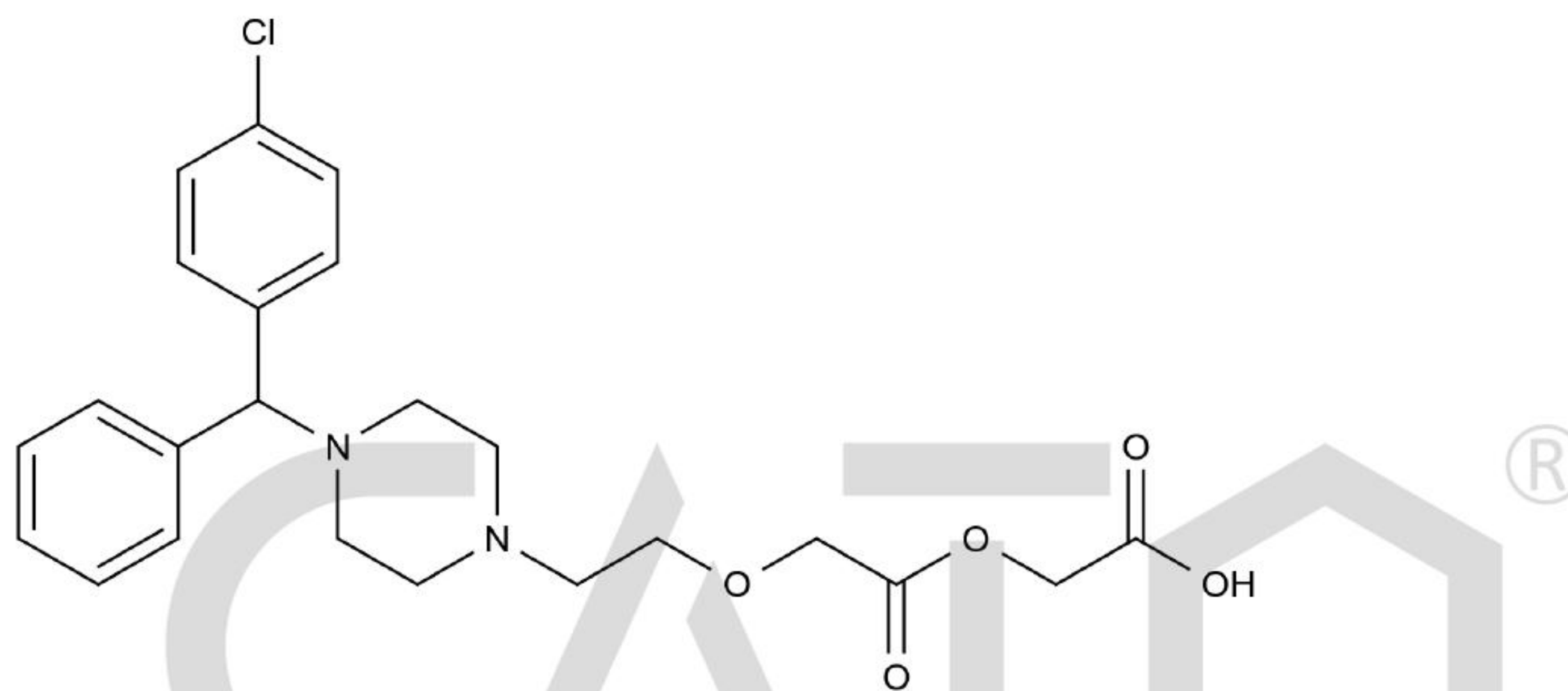


Certificate of Analysis

Reference Material & Standard

Product Name:	Cetirizine Impurity 16	Catalogue Number:	C4X-158216
Synonyms:	N/A	Lot Number:	0814-RF-0033
CAS Number:	N/A	Expiry Date:	Aug 19, 2026
Molecular Formula:	C23H27ClN2O5	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	446.92		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.730%
Loss On Drying	TGA	0.1932%
Assay		99.5%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$$

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hin lam

Approved by General Manager:

David

Date: Aug 15, 2024

Date: Aug 15, 2024

Date: Aug 15, 2024

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