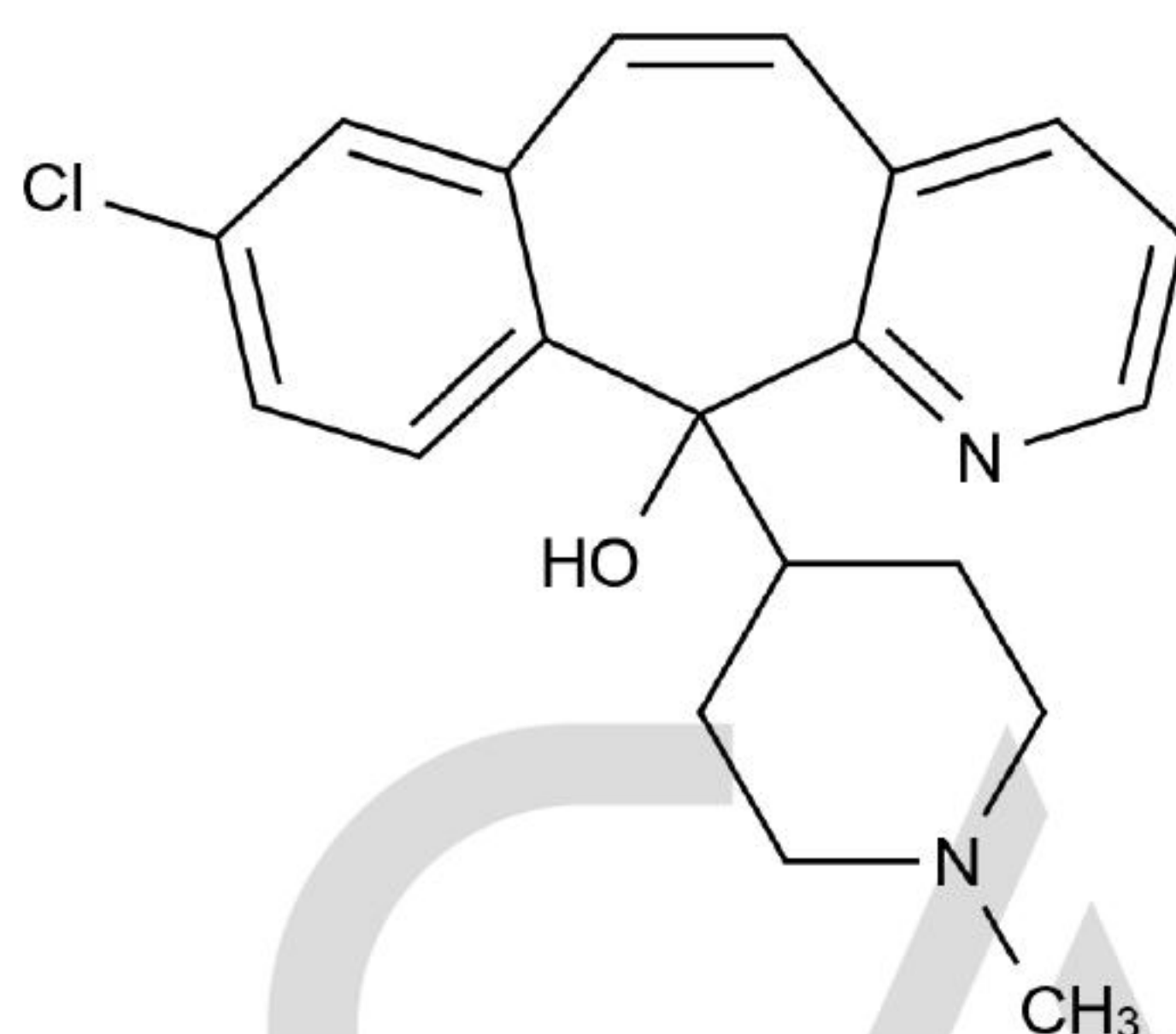


Certificate of Analysis

Reference Material

Product Name:	Desloratadine Impurity N45	Catalogue Number:	CP105591
Chemical Name:	N/A	Lot Number:	0628-RE-0008
CAS Number:	117811-17-3	Expiry Date:	Jun 28, 2026
Molecular Formula:	C ₂₀ H ₂₁ ClN ₂ O	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	340.85		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.5457%
Loss On Drying	TGA	0.4256%
Assay		98.1%

Comment:

The calculation of the 100% 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:

Koi

Reviewed by:

Lisa

Aporoved by General manager:

David

Date: Jun 29, 2023

Date: Jun 30, 2023

Date: Jun 30, 2023

