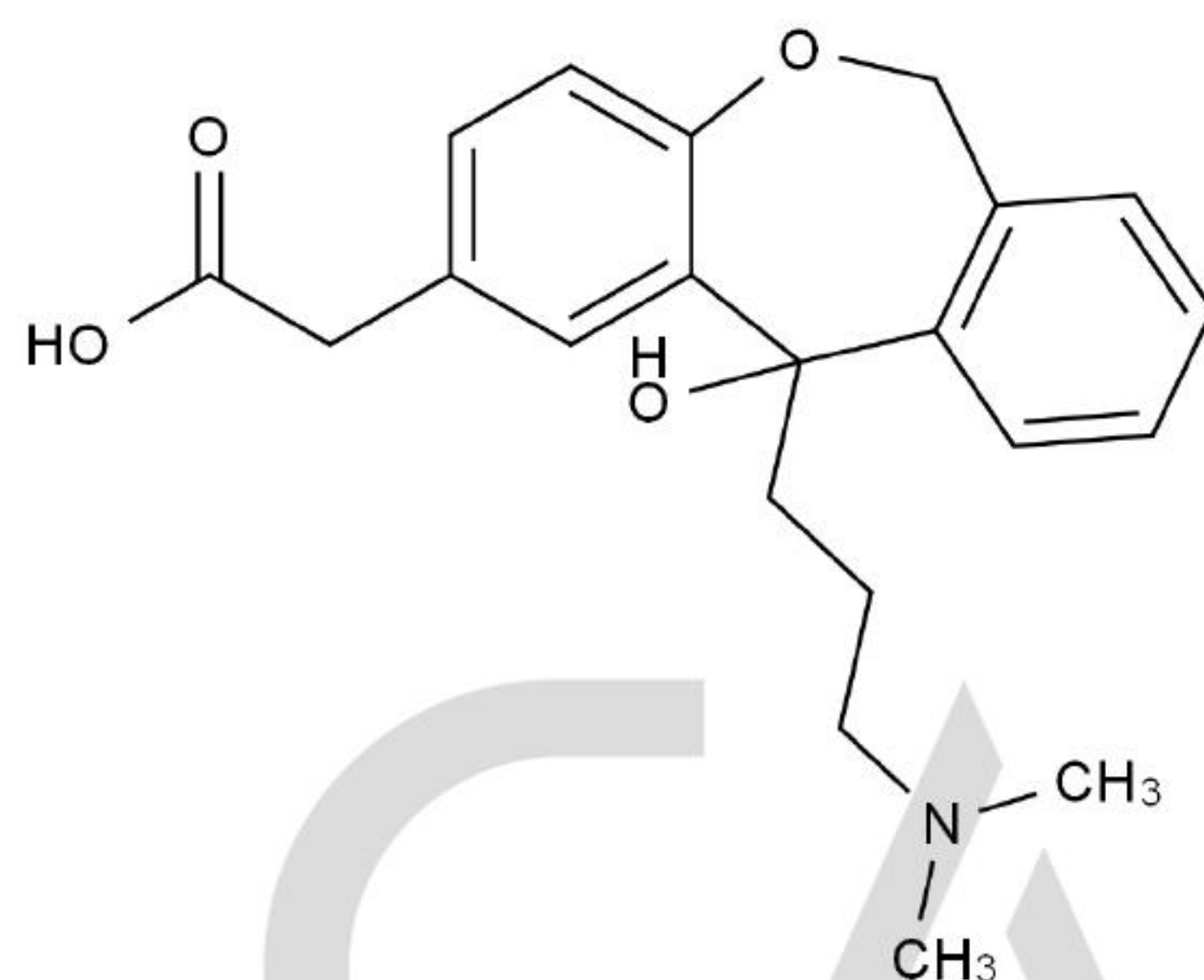


Certificate of Analysis

Reference Material

Product Name:	Olopatadine Impurity 52	Catalogue Number:	C4X-171852
Chemical Name:	N/A	Lot Number:	0720-RE-0025
CAS Number:	949141-21-3	Expiry Date:	Jul 18, 2026
Molecular Formula:	C ₂₁ H ₂₅ NO ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	355.43		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	98.0455%
Loss On Drying	TGA	1.956%
Assay		96.1%

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: Jul 19, 2023

Date: Jul 21, 2023

Date: Jul 21, 2023

