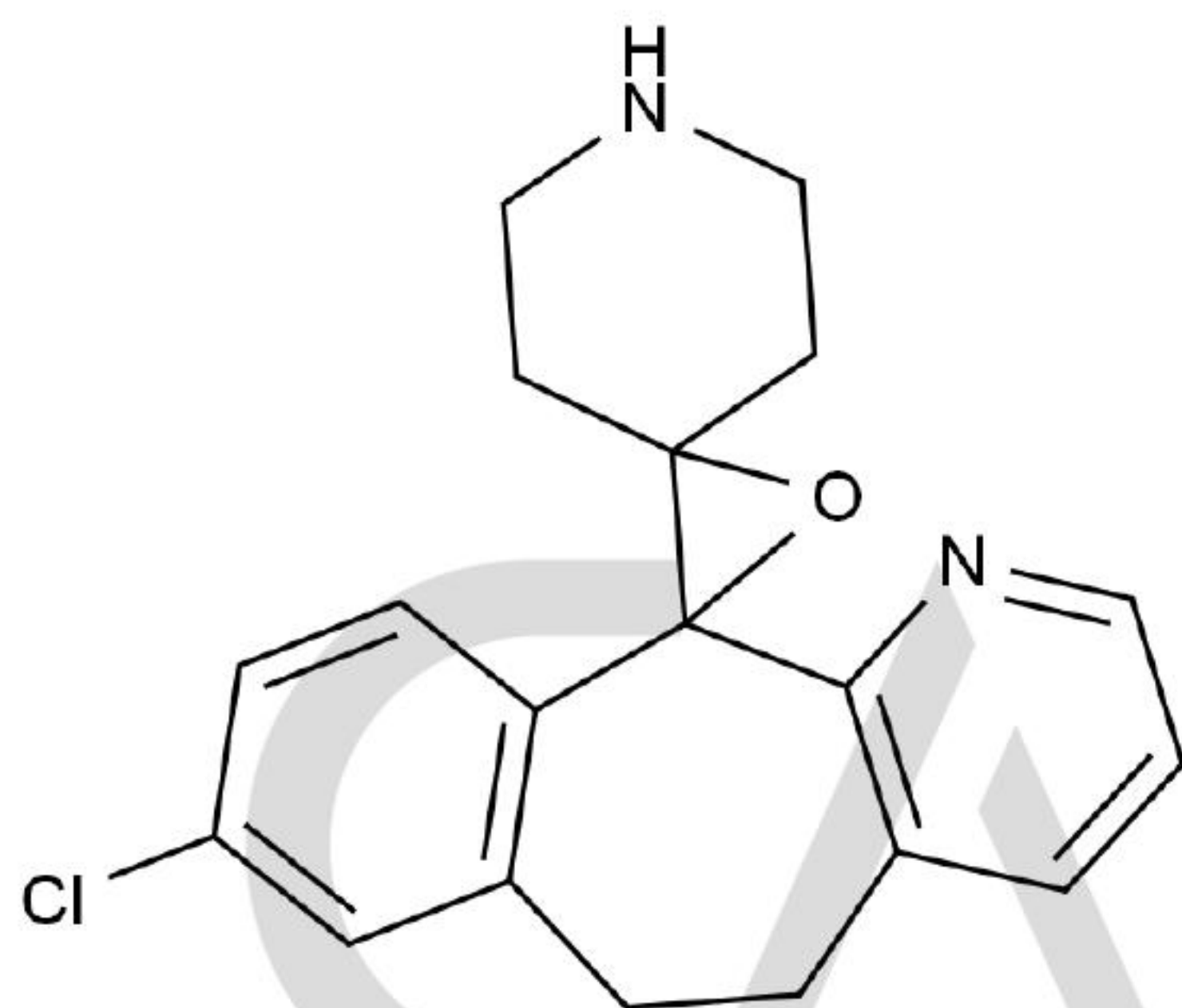


Certificate of Analysis

Reference Material & Standard

Product Name:	Desloratadine Impurity 16	Catalogue Number:	C4X-143016
Synonyms:	N/A	Lot Number:	0531-RF-0049
CAS Number:	1346604-23-6	Expiry Date:	Jun 06, 2027
Molecular Formula:	C ₁₉ H ₁₉ ClN ₂ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	326.82	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.417%
Loss On Drying	TGA	1.3782%
Assay		98.0%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jun 07, 2024

Date: Jun 07, 2024

Date: Jun 07, 2024

