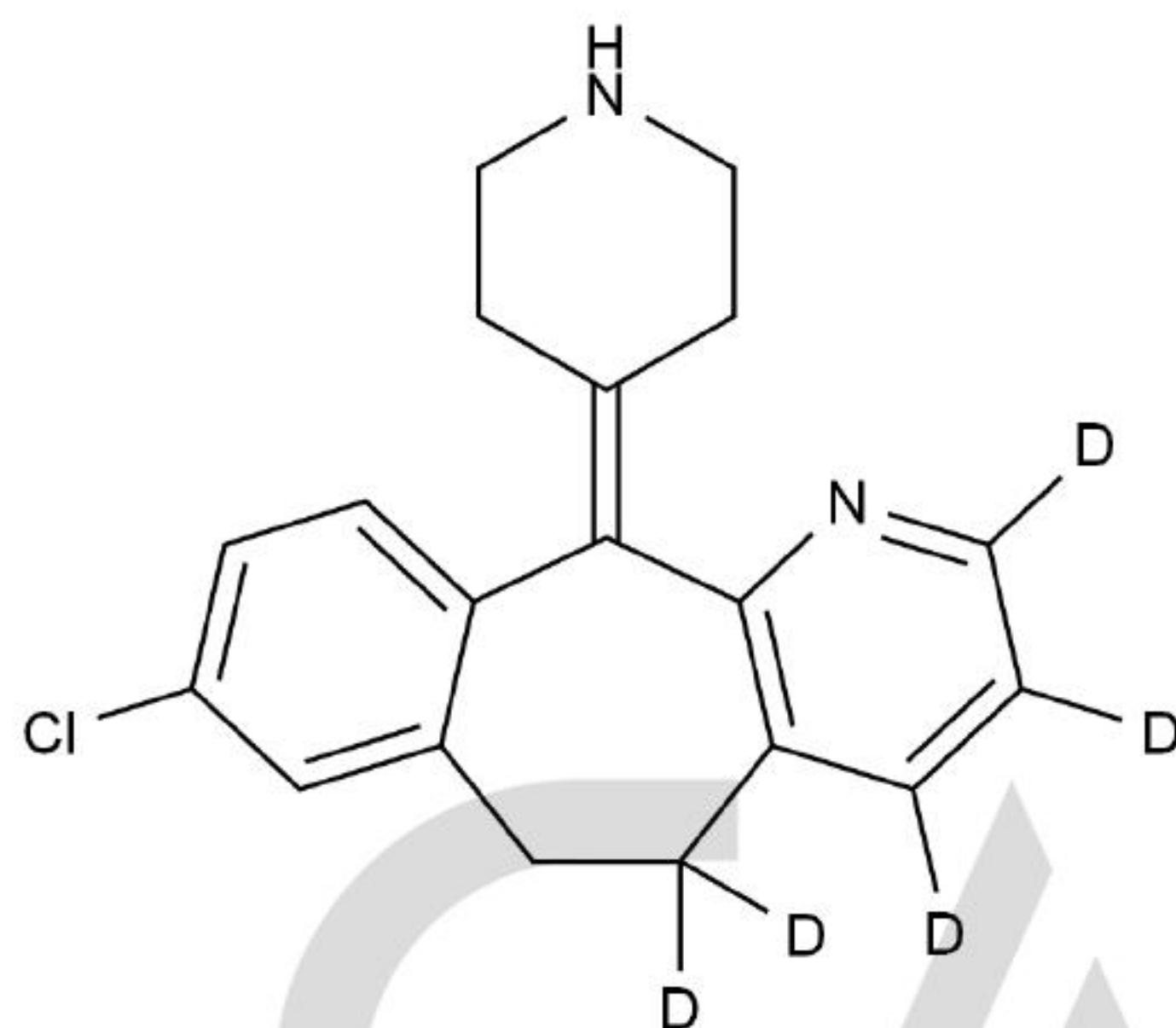


Certificate of Analysis

Reference Material

Product Name:	Desloratadine-d5	Catalogue Number:	C4X-143010
Chemical Name:	N/A	Lot Number:	0228-RE-0001
CAS Number:	1020719-34-9	Expiry Date:	Aug 11, 2025
Molecular Formula:	C ₁₉ H ₁₄ D ₅ ClN ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	315.85		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pink Solid
Identification	LCMS&IR&HNMR	Confirmed
Chemical Purity	HPLC	99.7867%
Isotopic Purity		99.0%
Water Content	Karl Fischer	3.9%
Residual Solvents	NMR	0.4% methanol
Assay		95.5%

Comment:

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

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nacy

Reviewed by:

Xenia

Aporoved by General manager:

David

Date: Aug 12, 2022

Date: Mar 02, 2023

Date: Mar 02, 2023

