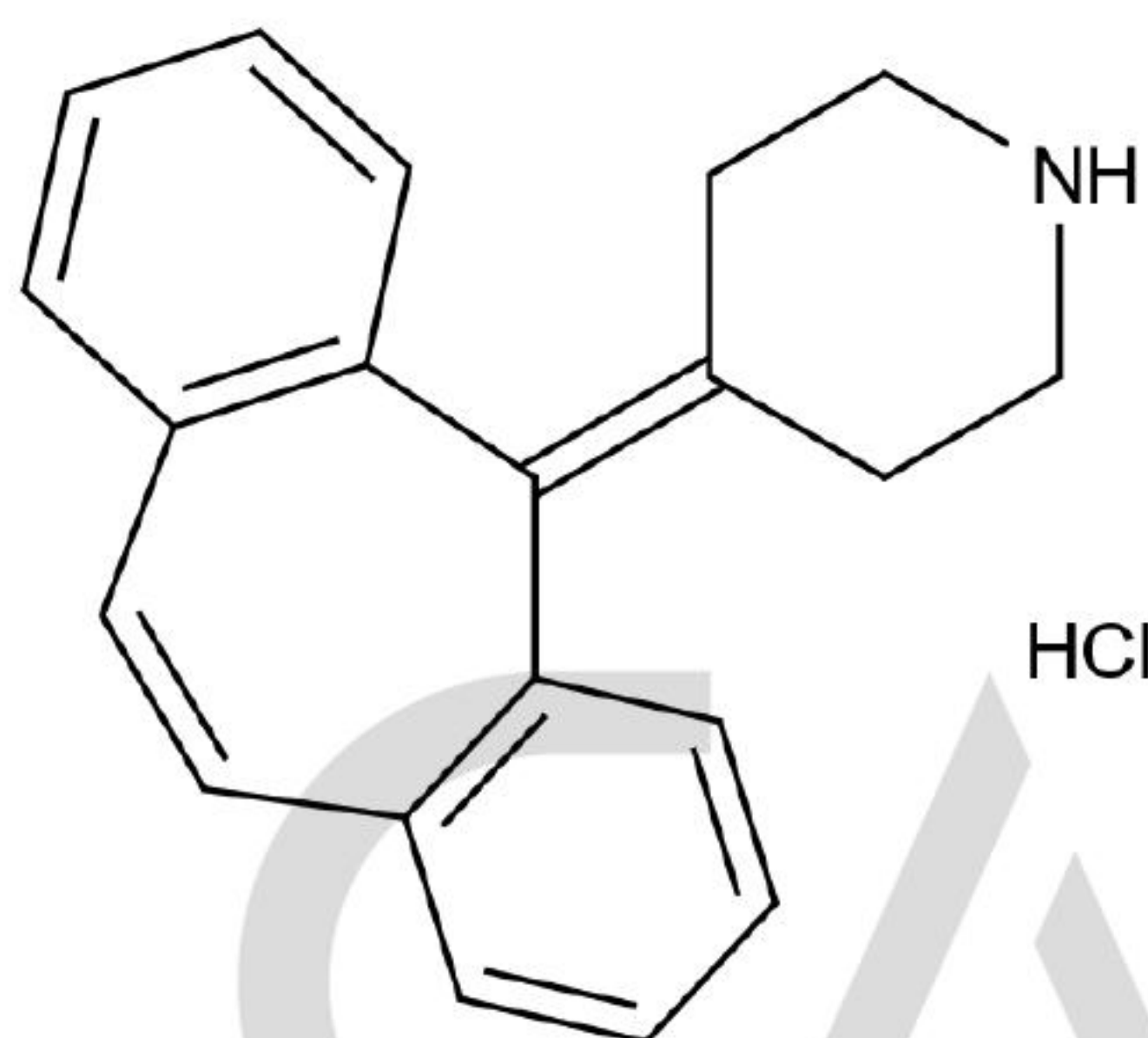


Certificate of Analysis

Reference Material & Standard

Product Name:	Cyproheptadine impurity 7	Catalogue Number:	C4X-15067
Synonyms:	Demethylcyproheptadine Hydrochloride	Lot Number:	0202-RF-0009
CAS Number:	4331-45-7	Expiry Date:	Jan 01, 2026
Molecular Formula:	C ₂₀ H ₁₉ N HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	273.37 36.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	HRMS&IR&HNMR	Confirmed
Purity	HPLC	100.00%
Water Content	Karl Fischer	0.12%
Residual Solvents	NMR	0.06% diethyl ether
Assay		99.8%

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:

Lily

Reviewed by:

Hinlam

Aporoved by General Manager:

David

Date: Feb 19, 2024

Date: Feb 19, 2024

Date: Feb 19, 2024

