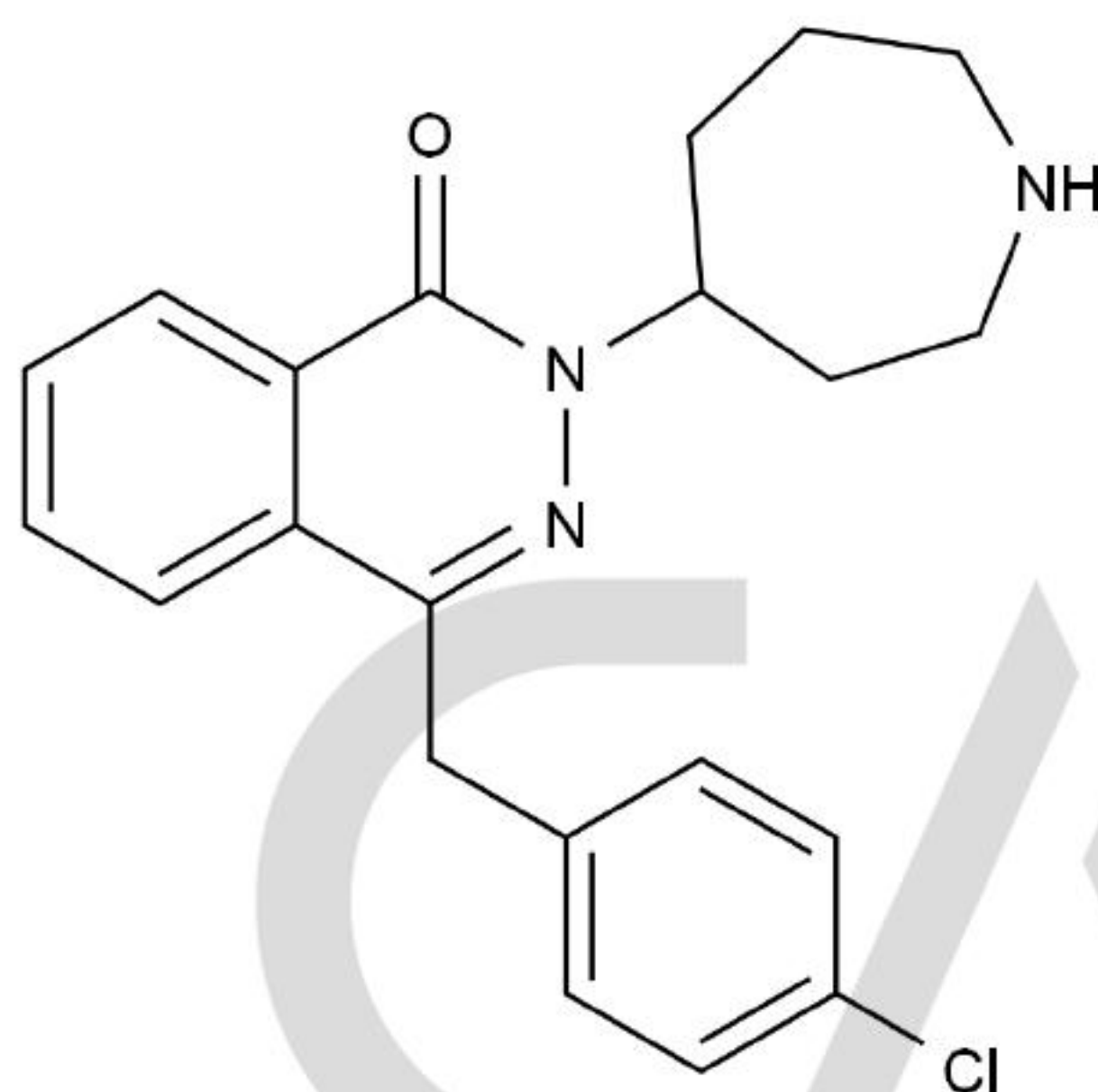


Certificate of Analysis

Reference Material & Standard

Product Name:	Azelastine Impurity 20	Catalogue Number:	C4X-139620
Synonyms:	N/A	Lot Number:	0717-RH-0103
CAS Number:	47491-38-3	Expiry Date:	Jul 15, 2030
Molecular Formula:	C ₂₁ H ₂₂ ClN ₃ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	367.87	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.927%
Residue on Ignition	TGA	0.4308%
Loss on Drying	TGA	3.2938%
Assay		94.3%

Comment:

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

Assay (%) = (100% - Residue on Ignition - Loss on Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 24, 2026

Date: Jul 27, 2026

Date: Jul 27, 2026



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