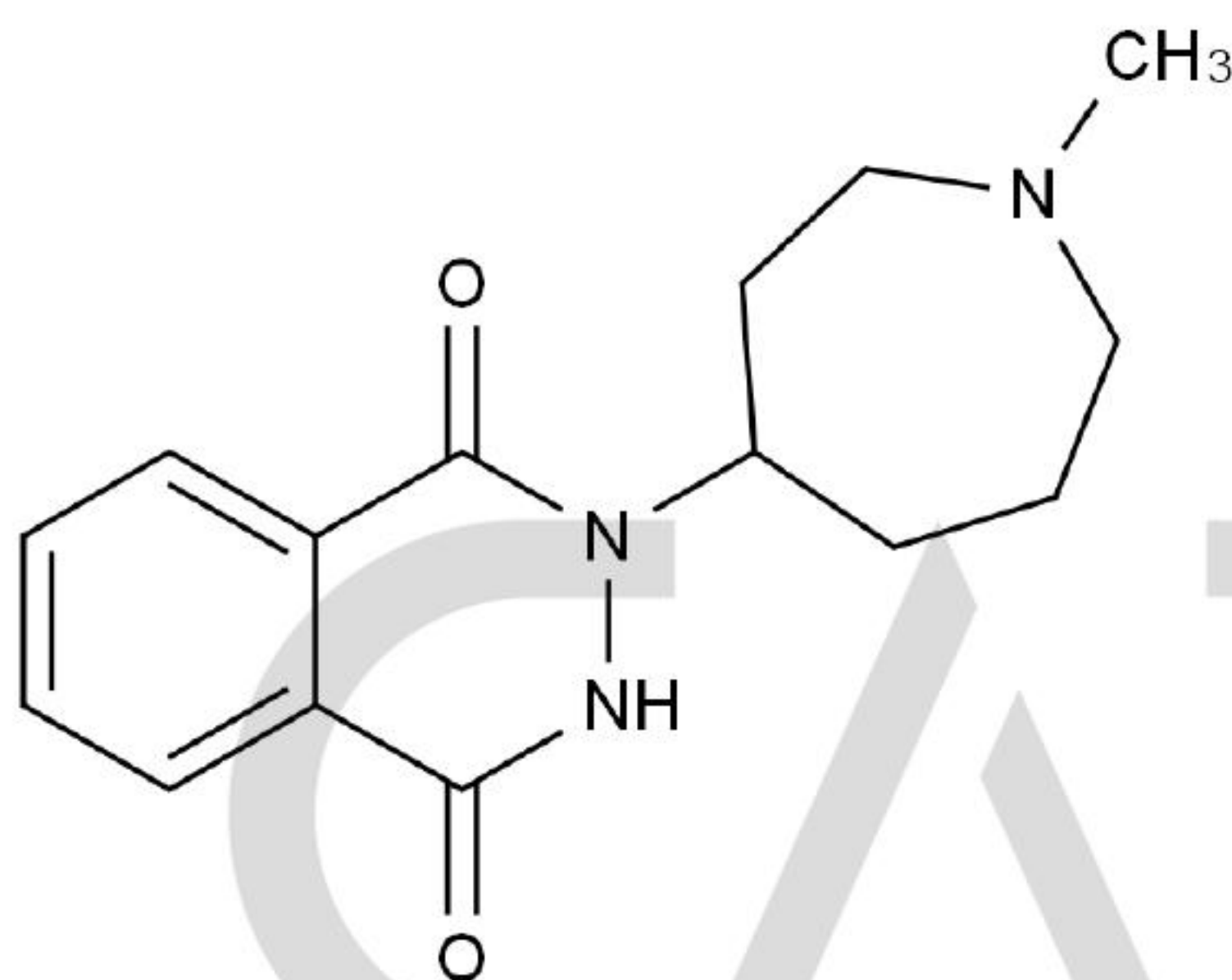


Certificate of Analysis

Reference Material & Standard

Product Name:	Azelastine Impurity 13	Catalogue Number:	C4X-139613
Synonyms:	N/A	Lot Number:	0710-RE-0101
CAS Number:	791758-74-2	Expiry Date:	Jul 11, 2026
Molecular Formula:	C ₁₅ H ₁₉ N ₃ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	273.33		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.349%
Loss on Drying	TGA	11.6733%
Assay		87.8%

Comment:

The calculation of the mass balance 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: Jul 12, 2023

Date: Jul 12, 2023

Date: Jul 12, 2023



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