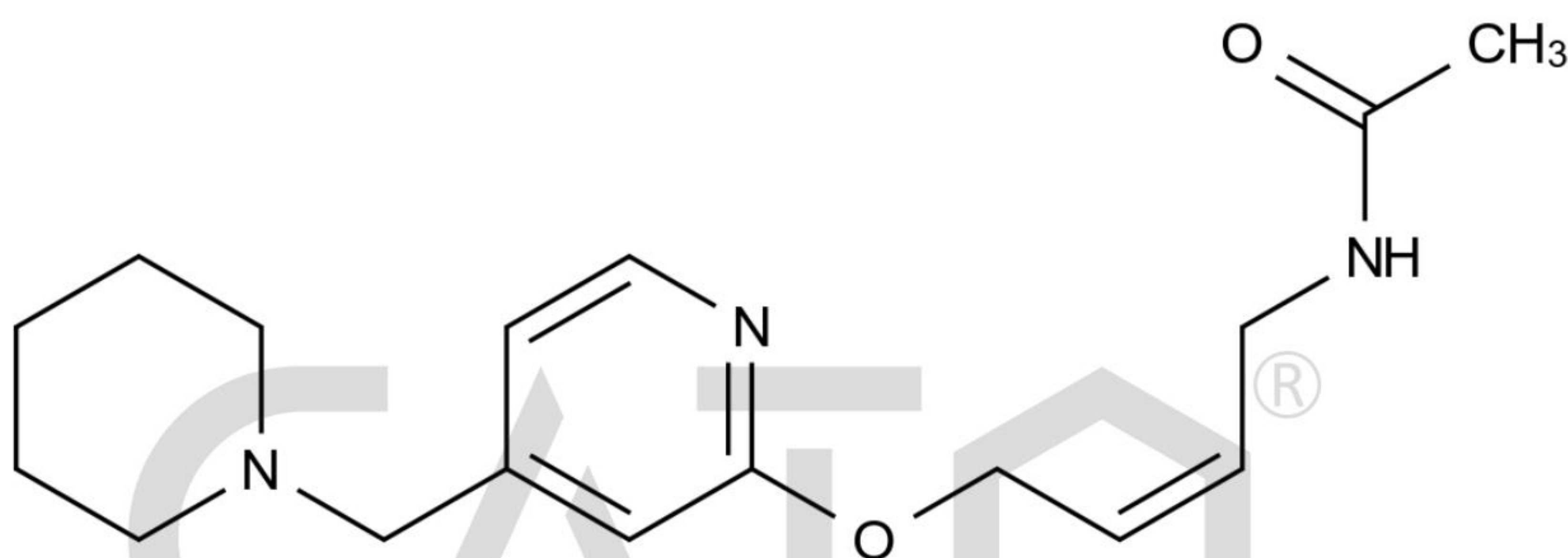


Certificate of Analysis

Reference Material & Standard

Product Name:	Lafutidine Impurity 11	Catalogue Number:	C4X-147611
Synonyms:	N/A	Lot Number:	0814-RG-0091
CAS Number:	154923-16-7	Expiry Date:	Aug 17, 2029
Molecular Formula:	C ₁₇ H ₂₅ N ₃ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	303.40		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Oil
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.774%
Loss On Drying	TGA	0.0183%
Assay		99.8%

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: Aug 18, 2025

Date: Aug 18, 2025

Date: Aug 18, 2025

