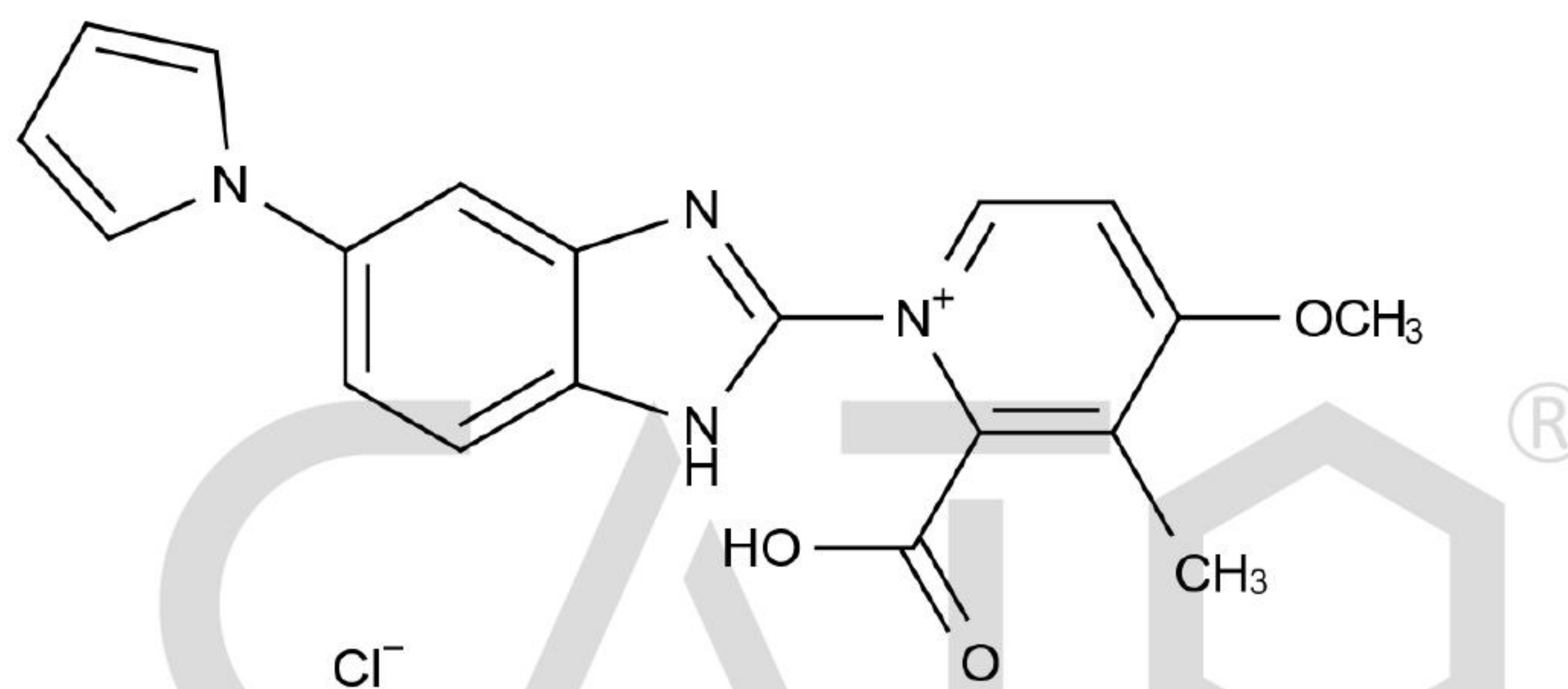


Certificate of Analysis

Reference Material & Standard

Product Name:	Ilaprazole Impurity 31 Hydrochloride	Catalogue Number:	C4X-1130174
Synonyms:	N/A	Lot Number:	1223-RF-0047
CAS Number:	N/A	Expiry Date:	Jun 16, 2027
Molecular Formula:	C ₁₉ H ₁₇ N ₄ O ₃ Cl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	349.36 35.45		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	93.46%
Loss On Drying	TGA	9.3199%
Assay		84.7%

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:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Aug 25, 2025

Date: Aug 25, 2025

Date: Aug 25, 2025

