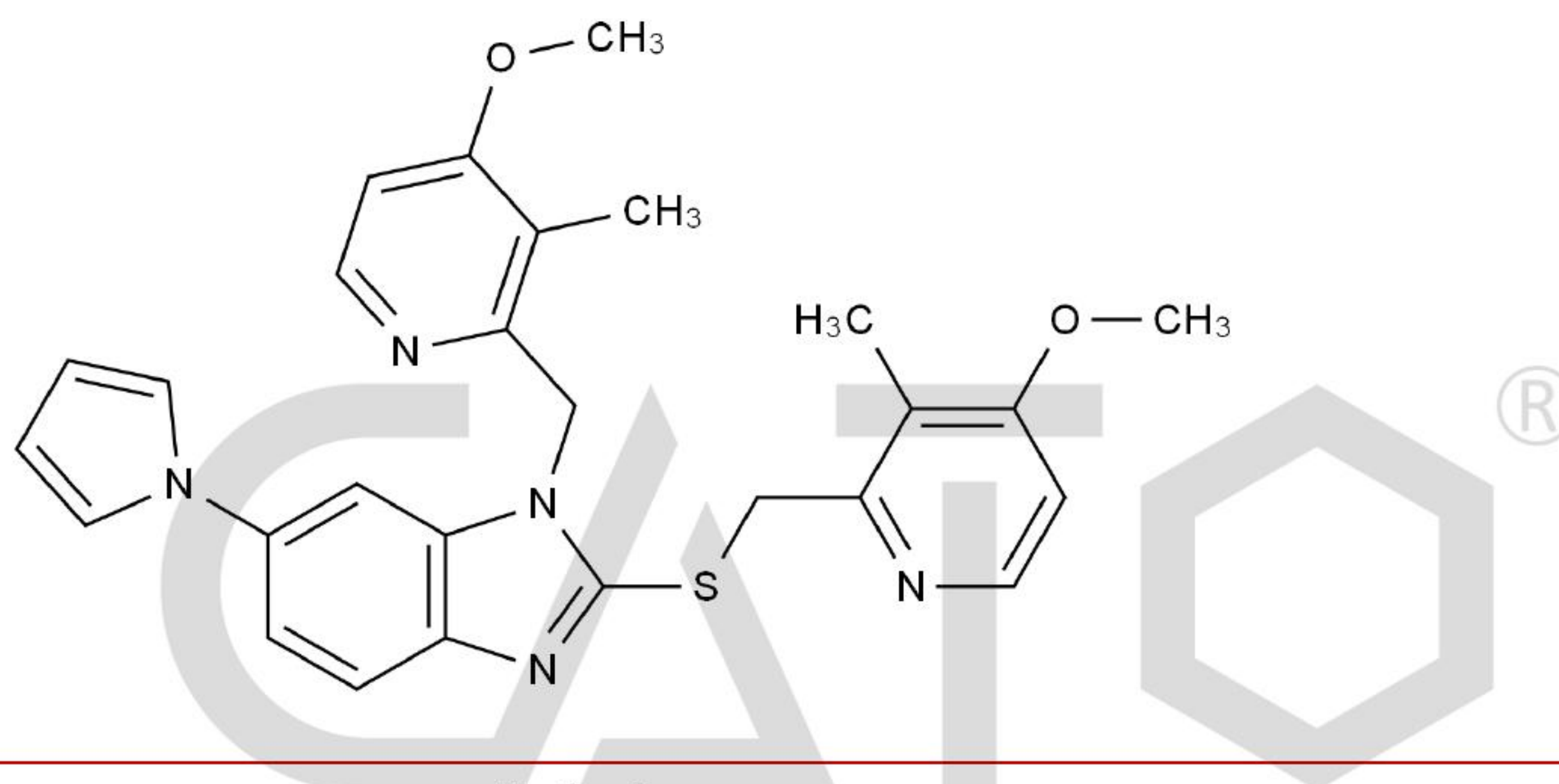


Certificate of Analysis

Reference Material & Standard

Product Name:	Ilaprazole Impurity 2	Catalogue Number:	C4X-11302
Synonyms:	N/A	Lot Number:	1019-RE-0063
CAS Number:	1360824-55-0	Expiry Date:	Oct 22, 2026
Molecular Formula:	C ₂₇ H ₂₇ N ₅ O ₂ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	485.60	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	99.589%
Loss On Drying	TGA	0.1016%
Assay		99.5%

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: Feb 18, 2025

Date: Feb 18, 2025

Date: Feb 18, 2025

