

Certificate of Analysis

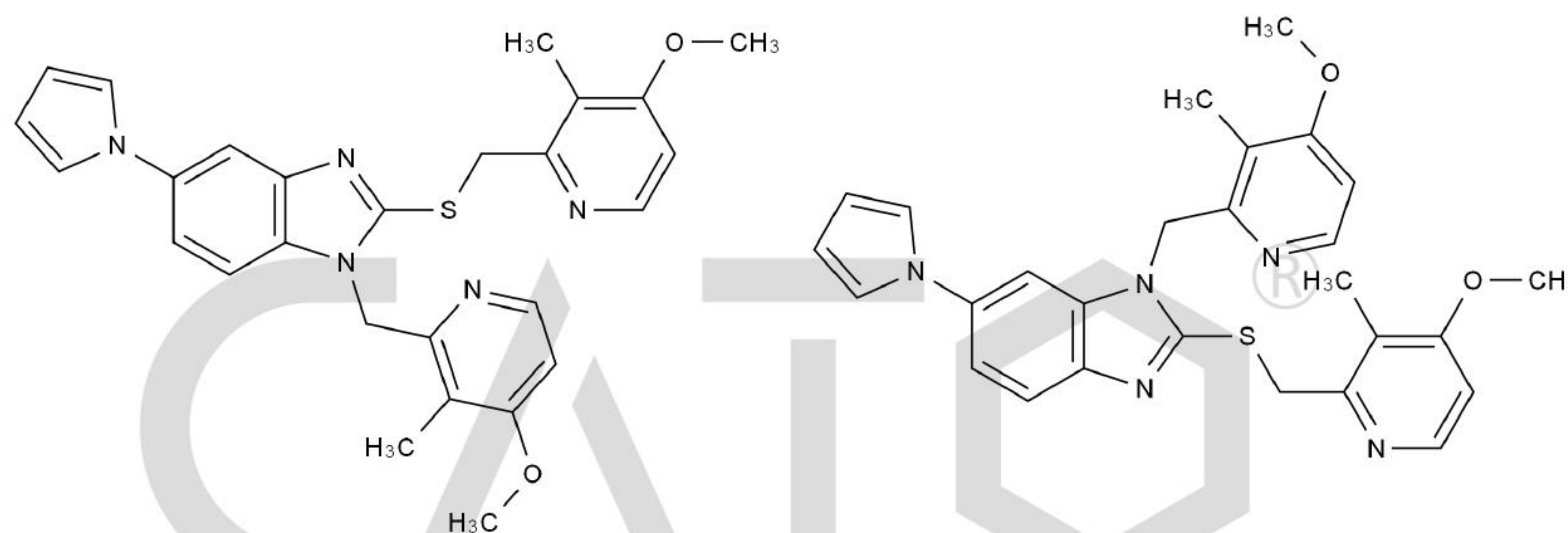
Reference Material & Standard

Product Name:	Ilaprazole Impurity 3	Catalogue Number:	C4X-11303
Synonyms:	N/A	Lot Number:	0512-RH-0063
CAS Number:	N/A	Expiry Date:	May 13, 2030
Molecular Formula:	2*C ₂₇ H ₂₇ N ₅ O ₂ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	2*485.60	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	98.736%
Loss on Drying	TGA	0.2575%
Assay		98.5%

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:

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Approved by General Manager:

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Date: Jun 30, 2026

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