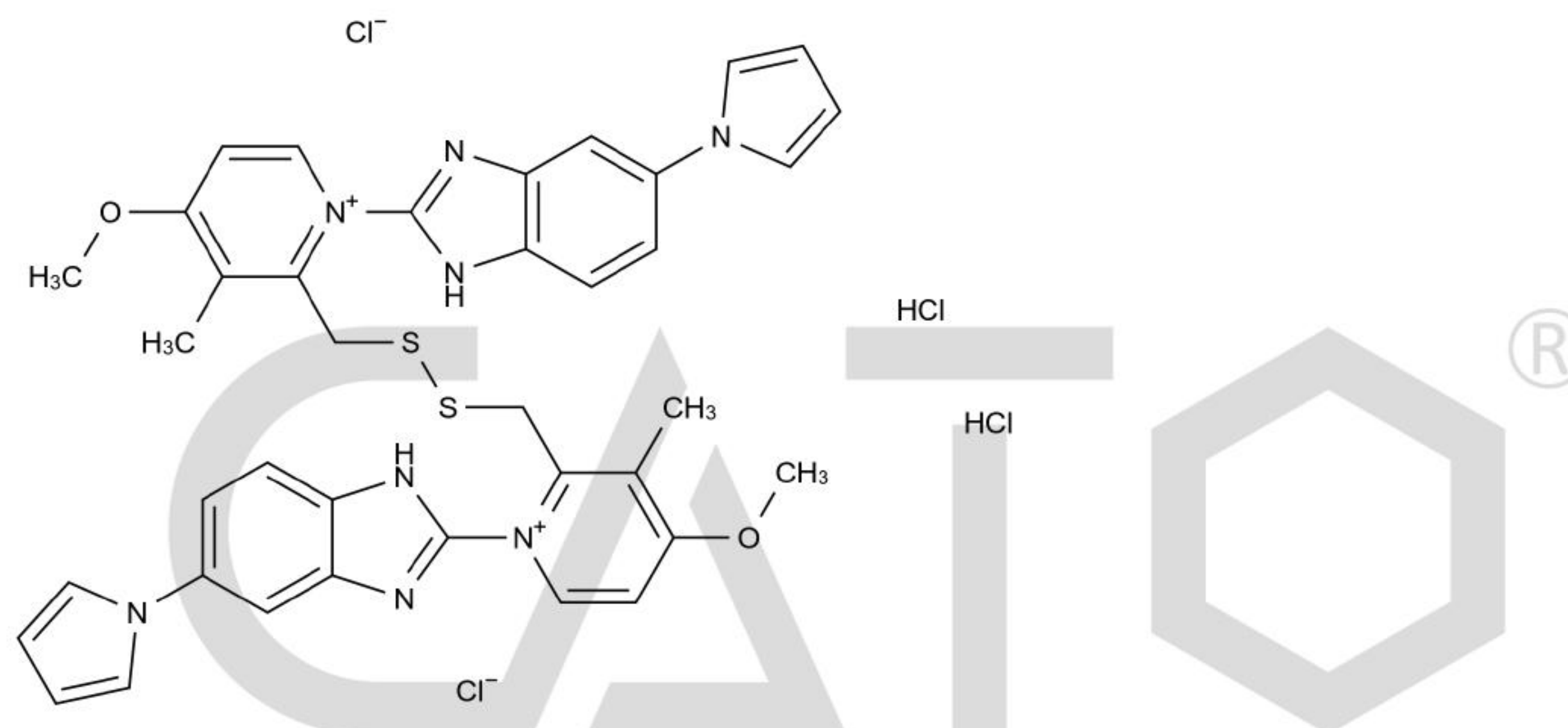


Certificate of Analysis

Reference Material & Standard

Product Name:	Ilaprazole Impurity 218 DiHCl	Catalogue Number:	C4X-1130250
Synonyms:	N/A	Lot Number:	0920-RH-0046
CAS Number:	2285346-41-8(free base)	Expiry Date:	Sep 27, 2030
Molecular Formula:	C ₃₈ H ₃₆ N ₈ O ₂ S ₂ 2*HCl 2*Cl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	700.87 2*36.46 2*35.45	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.874%
Loss on Drying	TGA	15.5949%
Assay	Mass Balance	80.9%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Oct 23, 2026

Date: Oct 23, 2026

Date: Oct 23, 2026



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