

Certificate of Analysis

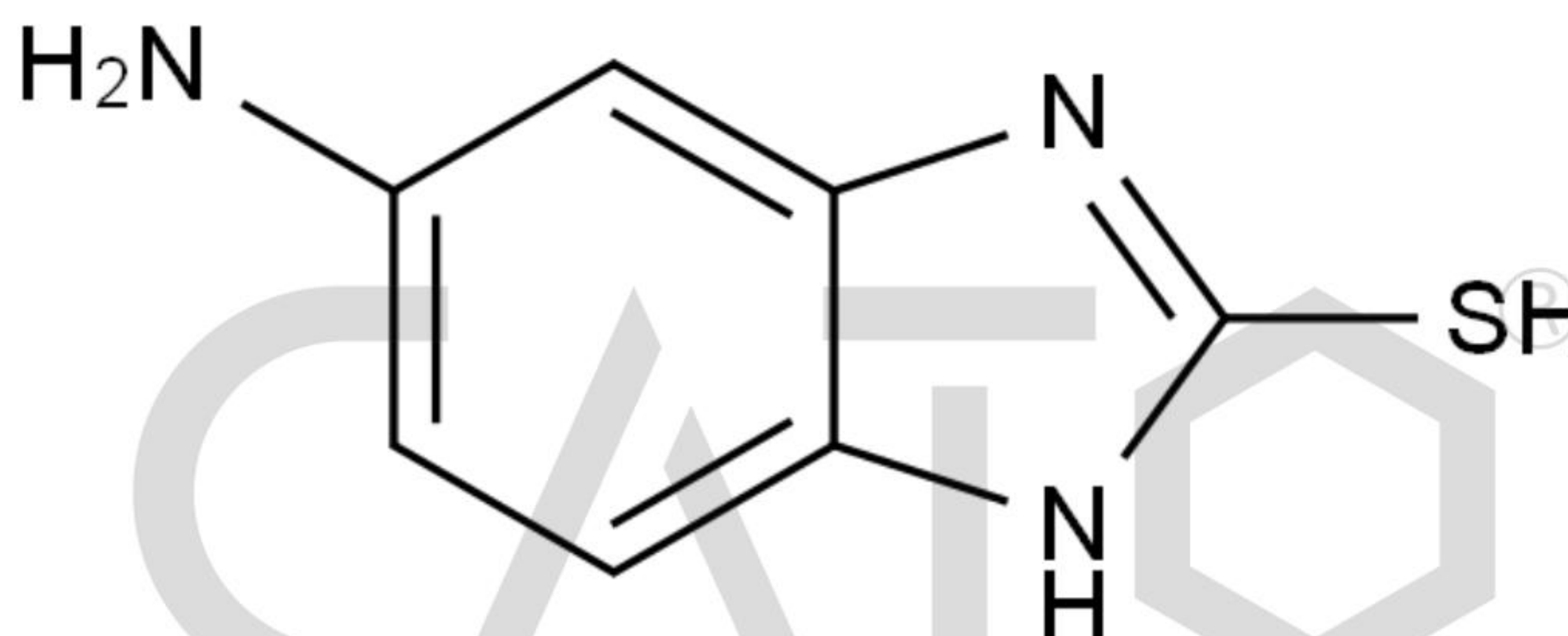
Reference Material & Standard

Product Name:	Ilaprazole Impurity 10	Catalogue Number:	C4X-113010
Synonyms:	N/A	Lot Number:	0407-RH-0072
CAS Number:	2818-66-8	Expiry Date:	Apr 06, 2030
Molecular Formula:	C ₇ H ₇ N ₃ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	165.22	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.583%
Loss on Drying	TGA	0.2647%
Assay		99.3%

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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Date: Apr 07, 2026

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