

Certificate of Analysis

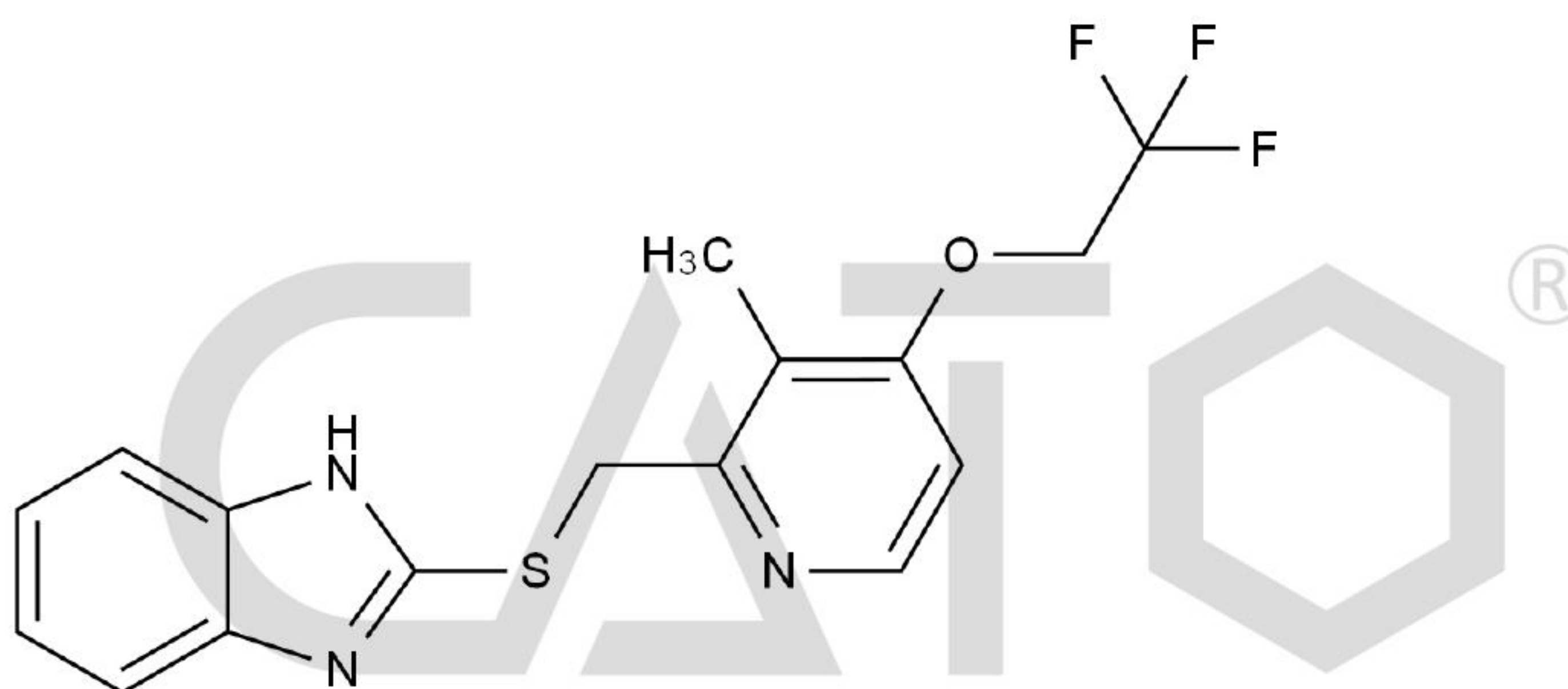
Reference Material & Standard

Product Name:	Lansoprazole EP Impurity C/USP Impurity B	Catalogue Number:	C4X-11133
Synonyms:	N/A	Lot Number:	0428-RF-0093
CAS Number:	103577-40-8	Expiry Date:	May 05, 2027
Molecular Formula:	C ₁₆ H ₁₄ F ₃ N ₃ OS	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	353.36	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.707%
Loss On Drying	TGA	4.4898%
Assay		95.2%

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: Dec 17, 2025

Date: Dec 18, 2025

Date: Dec 18, 2025



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