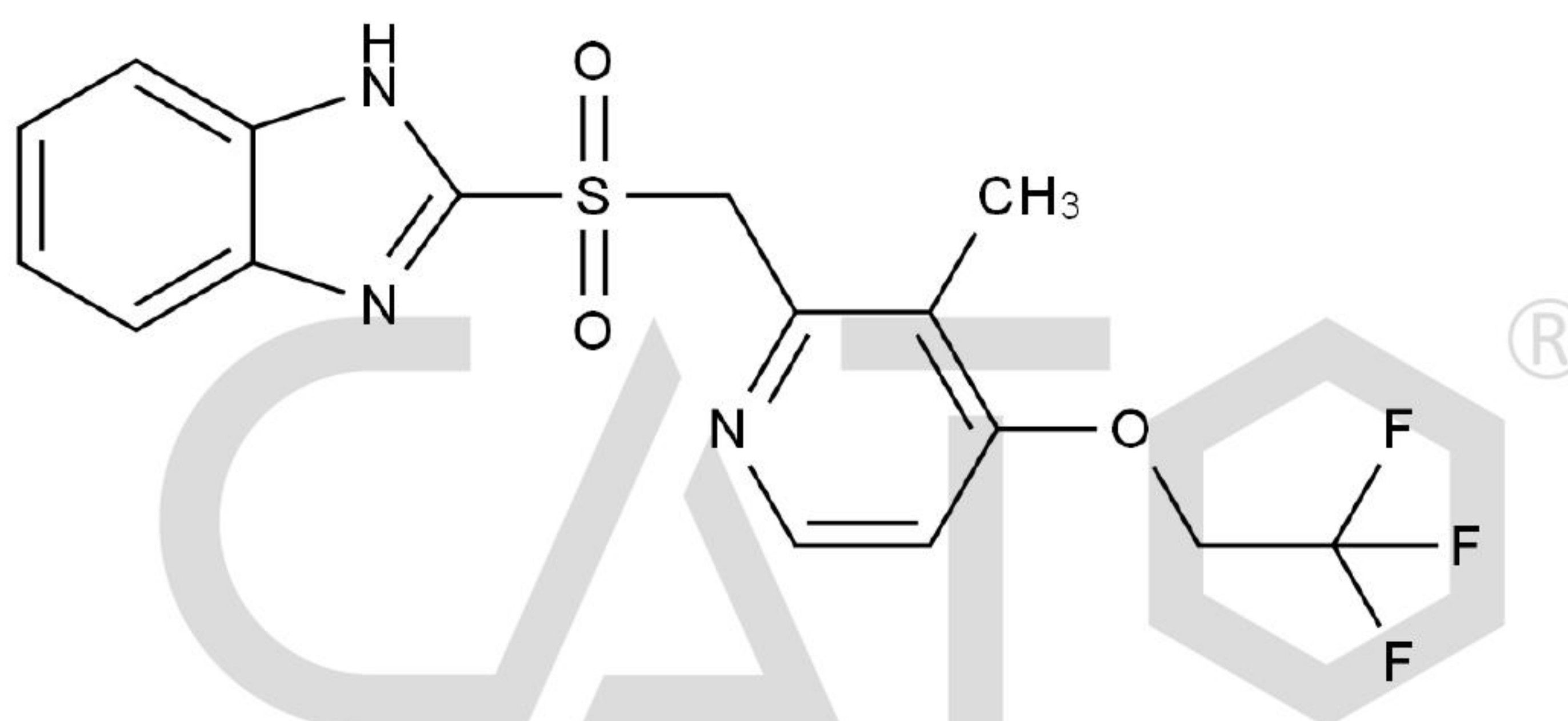


Certificate of Analysis

Reference Material & Standard

Product Name:	Lansoprazole EP Impurity B/USP Impurity A	Catalogue Number:	C4X-11132
Synonyms:	Lansoprazole Sulfone	Lot Number:	0527-RF-0050
CAS Number:	131926-99-3	Expiry Date:	Jul 09, 2030
Molecular Formula:	C ₁₆ H ₁₄ F ₃ N ₃ O ₃ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	385.36	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	99.492%
Water Content	Karl Fischer	0.44%
Residual Solvents	NMR	Not detected in NMR
Assay		99.1%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100%-Water Content-Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 10, 2026

Date: Jul 10, 2026

Date: Jul 10, 2026



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

