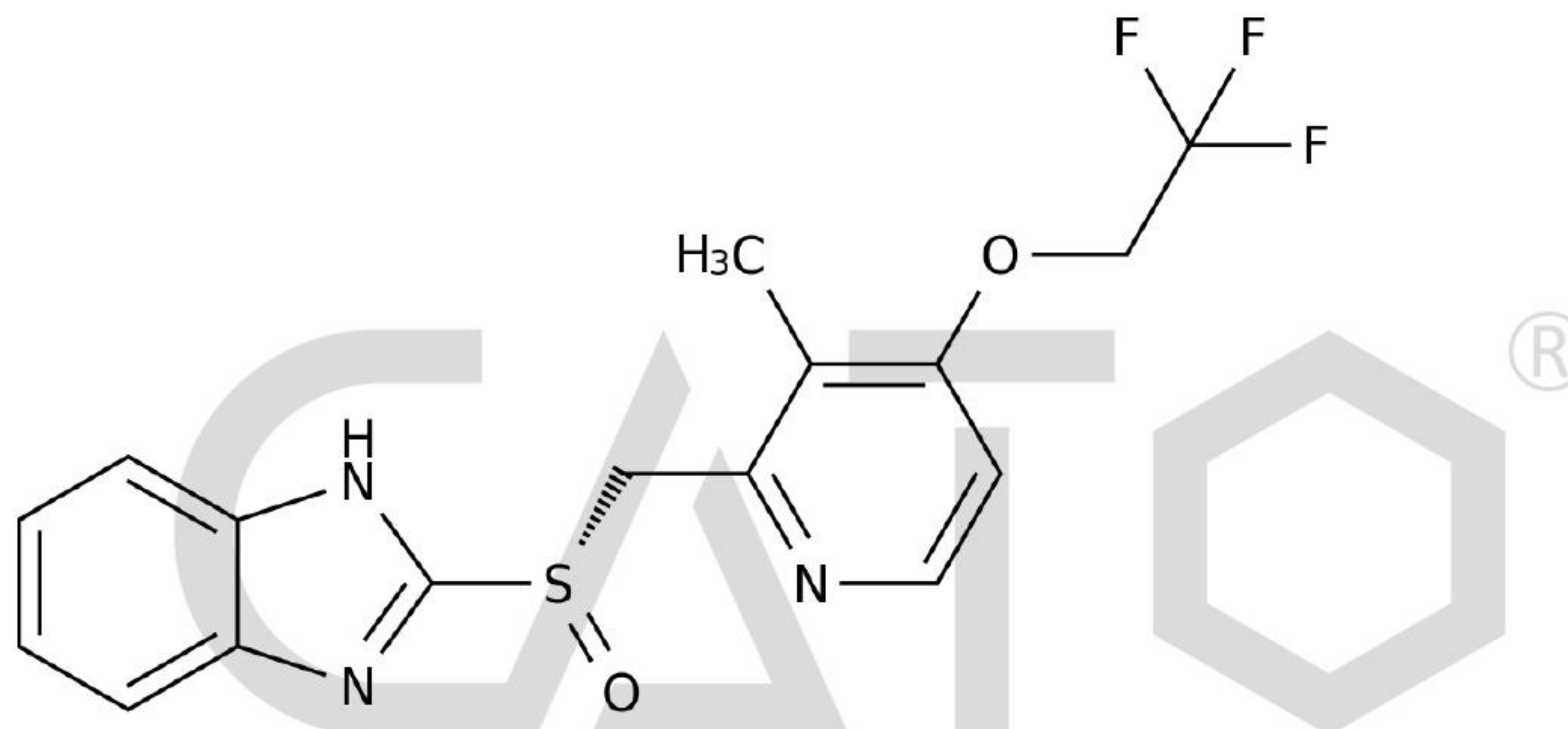


Certificate of Analysis

Reference Material & Standard

Product Name:	(S)-Lansoprazole	Catalogue Number:	C4X-111321
Synonyms:	N/A	Lot Number:	15B-12-8
CAS Number:	138530-95-7	Expiry Date:	May 26, 2030
Molecular Formula:	C ₁₆ H ₁₄ F ₃ N ₃ O ₂ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	369.36	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.497%
Loss on Drying	TGA	0.0245%
Specific Rotation		[α] _D 19.5(c=1.0015, MeOH): -149.48°
Assay		99.5%

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:

Prepared by:

Koi

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: May 27, 2026

Date: May 28, 2026

Date: May 28, 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>

