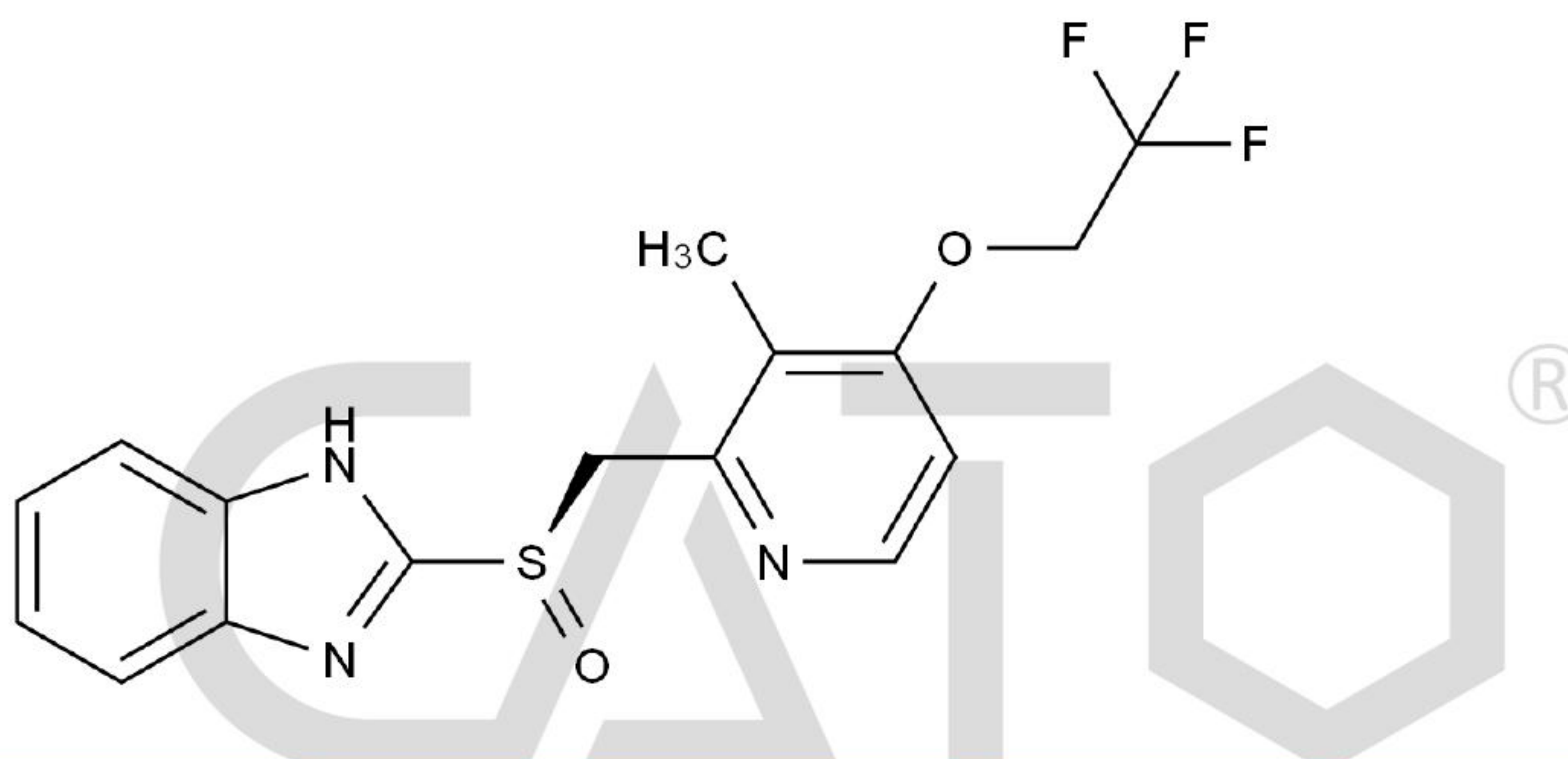


Certificate of Analysis

Reference Material & Standard

Product Name:	Dexlansoprazole	Catalogue Number:	C4X-1612
Synonyms:	N/A	Lot Number:	0323-RH-0170
CAS Number:	138530-94-6	Expiry Date:	Mar 25, 2030
Molecular Formula:	C ₁₆ H ₁₄ F ₃ N ₃ O ₂ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	369.36	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.761%
Residue on Ignition	TGA	0.9735%
Loss On Drying	TGA	0.1329%
Assay		98.7%

Comment:

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

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Mar 26, 2026

Date: Mar 26, 2026

Date: Mar 26, 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>

