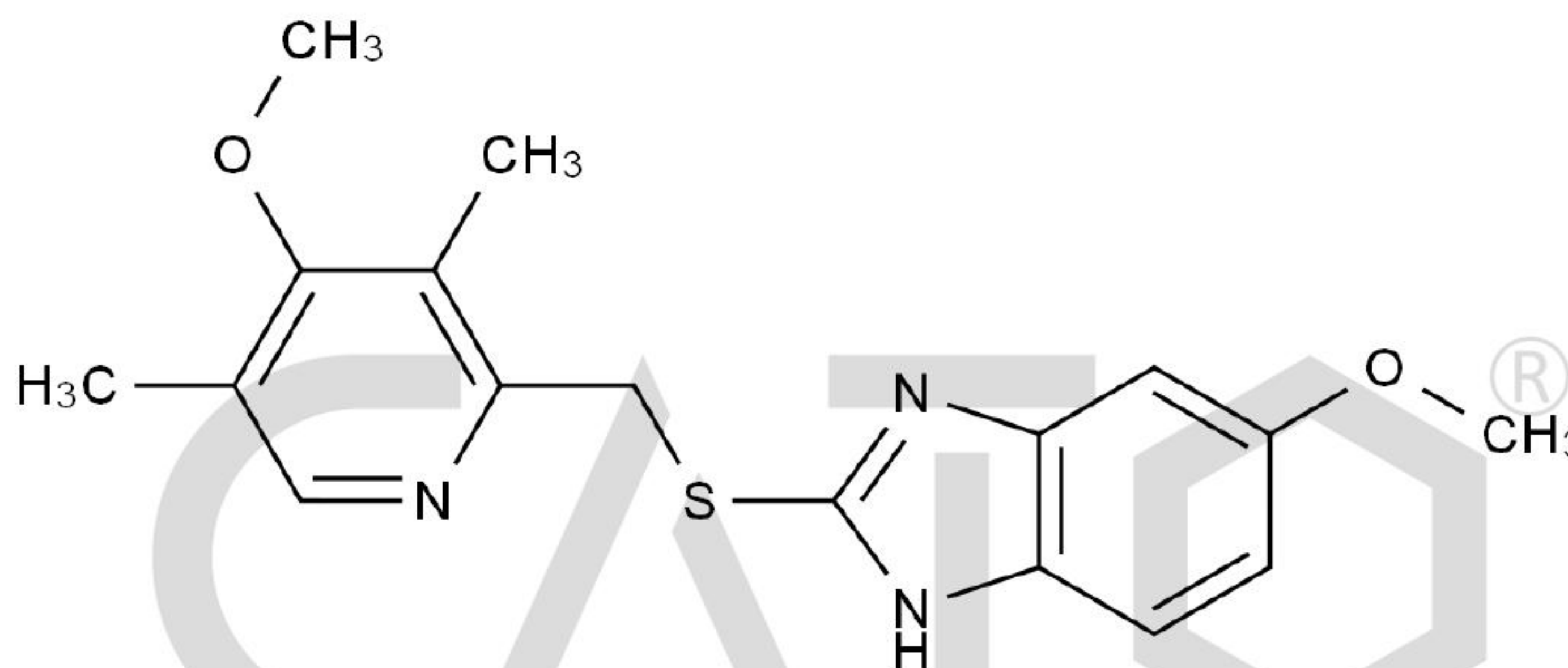


Certificate of Analysis

Reference Material & Standard

Product Name:	Esomeprazole EP Impurity C	Catalogue Number:	C4X-11123
Synonyms:	ufiprazole	Lot Number:	0702-RH-0036
CAS Number:	73590-85-9	Expiry Date:	Jul 01, 2030
Molecular Formula:	C ₁₇ H ₁₉ N ₃ O ₂ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	329.42	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	99.913%
Residue on Ignition	TGA	0.11%
Loss on Drying	TGA	0.0307%
Assay		99.8%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 02, 2026

Date: Jul 02, 2026

Date: Jul 02, 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>

