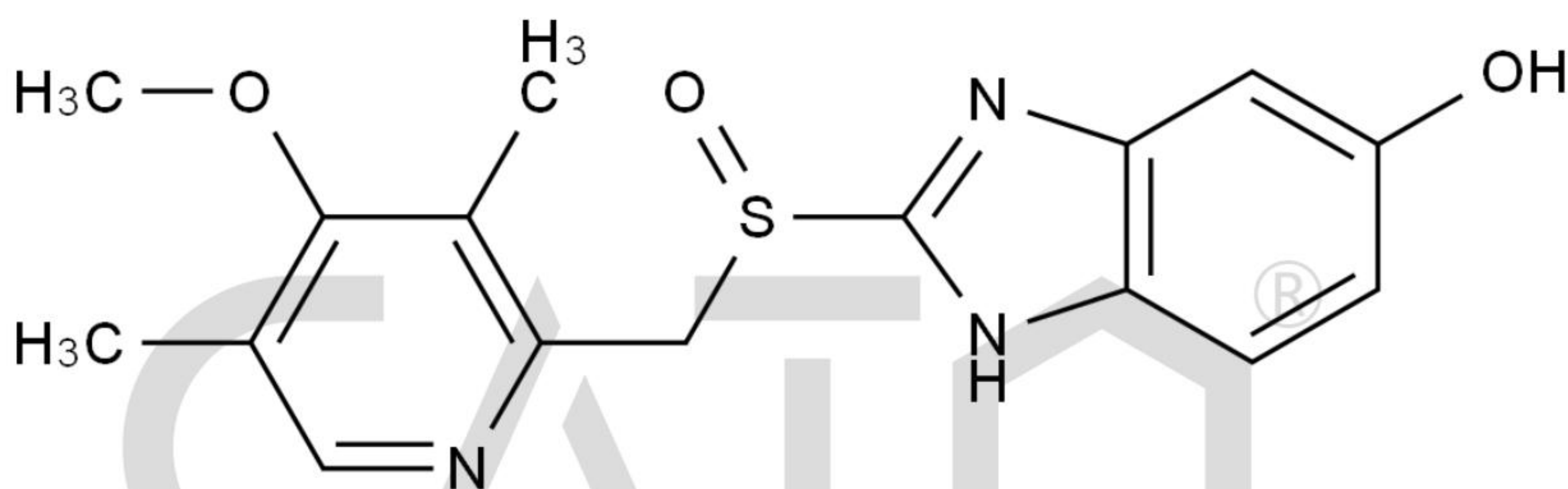


Certificate of Analysis

Reference Material & Standard

Product Name:	Esomeprazole Impurity 17	Catalogue Number:	C4X-111217
Synonyms:	N/A	Lot Number:	0813-RG-0052
CAS Number:	151602-49-2	Expiry Date:	Oct 13, 2028
Molecular Formula:	C ₁₆ H ₁₇ N ₃ O ₃ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	331.39	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.0527%
Loss On Drying	TGA	0.079%
Assay		97.0%

Comment:

The calculation of the 100% 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:

Lily

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Aug 14, 2025

Date: Aug 14, 2025

Date: Aug 14, 2025

