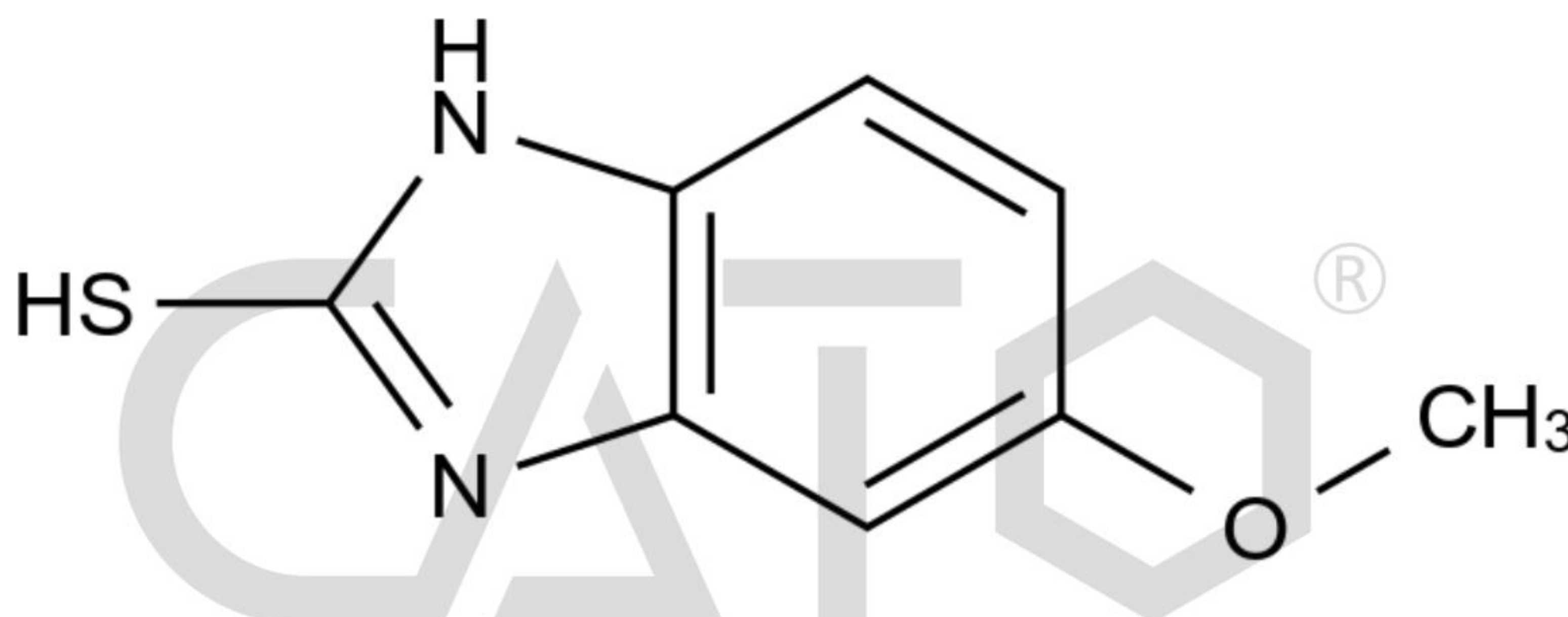


Certificate of Analysis

Reference Material & Standard

Product Name:	Esomeprazol EP Impurity A(Omeprazole EP Impurity A)	Catalogue Number:	C4X-11121
Synonyms:	5-Methoxy-1H-benzimidazol-2-thiol	Lot Number:	0811-RH-0041
CAS Number:	37052-78-1	Expiry Date:	Aug 10, 2030
Molecular Formula:	C ₈ H ₈ N ₂ OS	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	180.23	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	100.000%
Loss on Drying	TGA	0.0396%
Assay		99.96%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Loss on Drying}) * \text{Purity HPLC (\%)} / 100\%$

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Aug 11, 2026

Date: Aug 11, 2026

Date: Aug 11, 2026



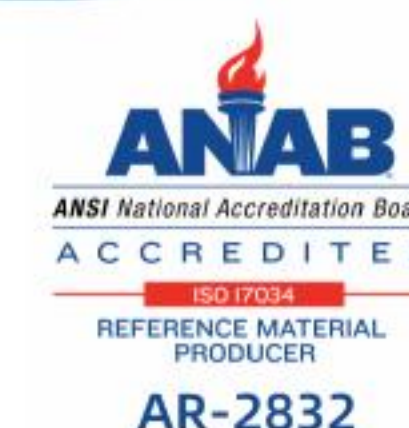
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