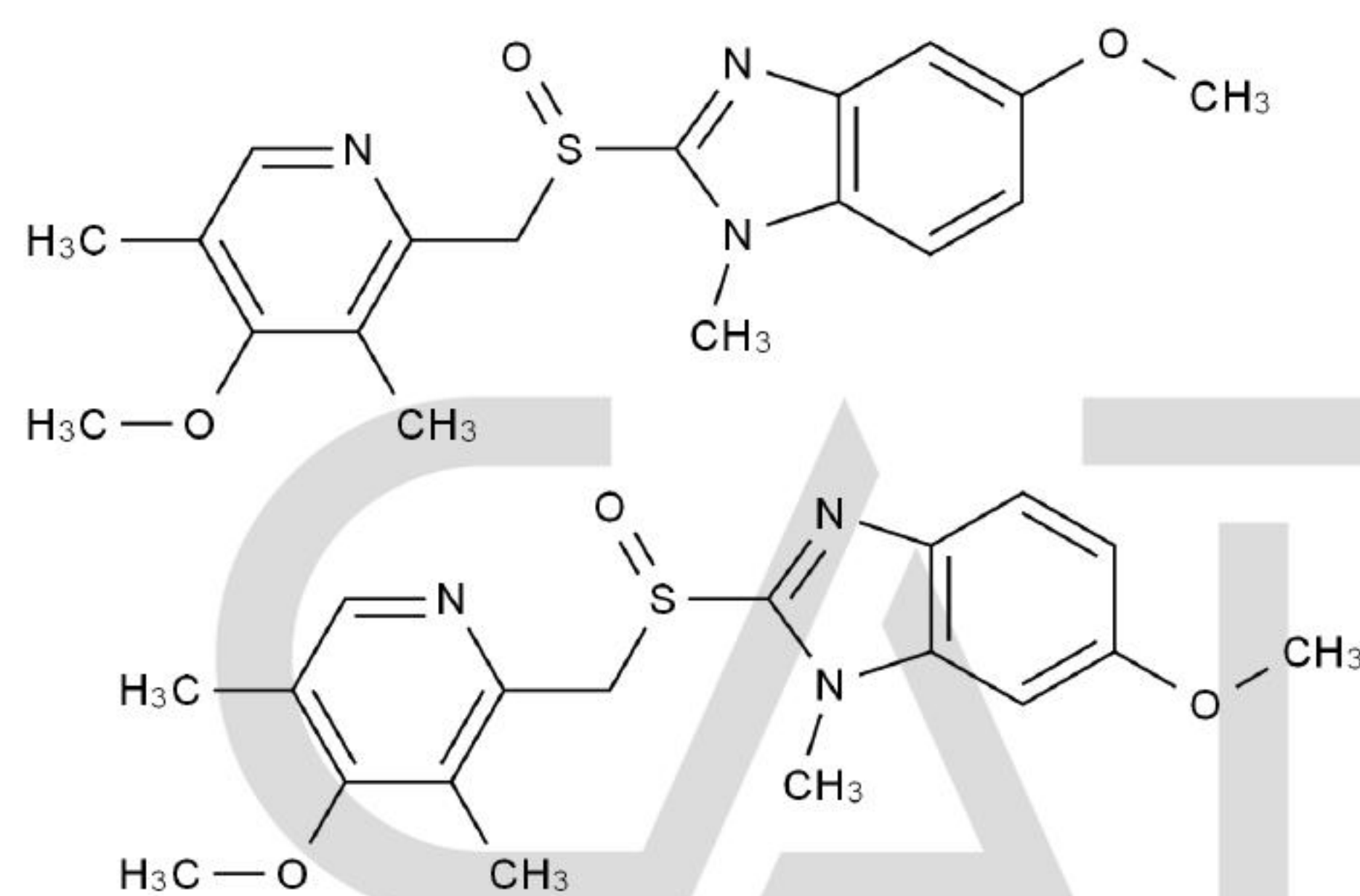


Certificate of Analysis

Reference Material & Standard

Product Name:	Esomeprazole Methyl Impurity H193	Catalogue Number:	C4X-111214
Synonyms:	Esomeprazole ChP Impurity III	Lot Number:	0508-RH-0155
CAS Number:	784143-42-6&89352-76-1	Expiry Date:	May 10, 2030
Molecular Formula:	2*C ₁₈ H ₂₁ N ₃ O ₃ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	2*359.44	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.840%
Loss on Drying	TGA	0.4594%
Assay		99.4%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: May 11, 2026

Date: May 11, 2026

Date: May 11, 2026



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