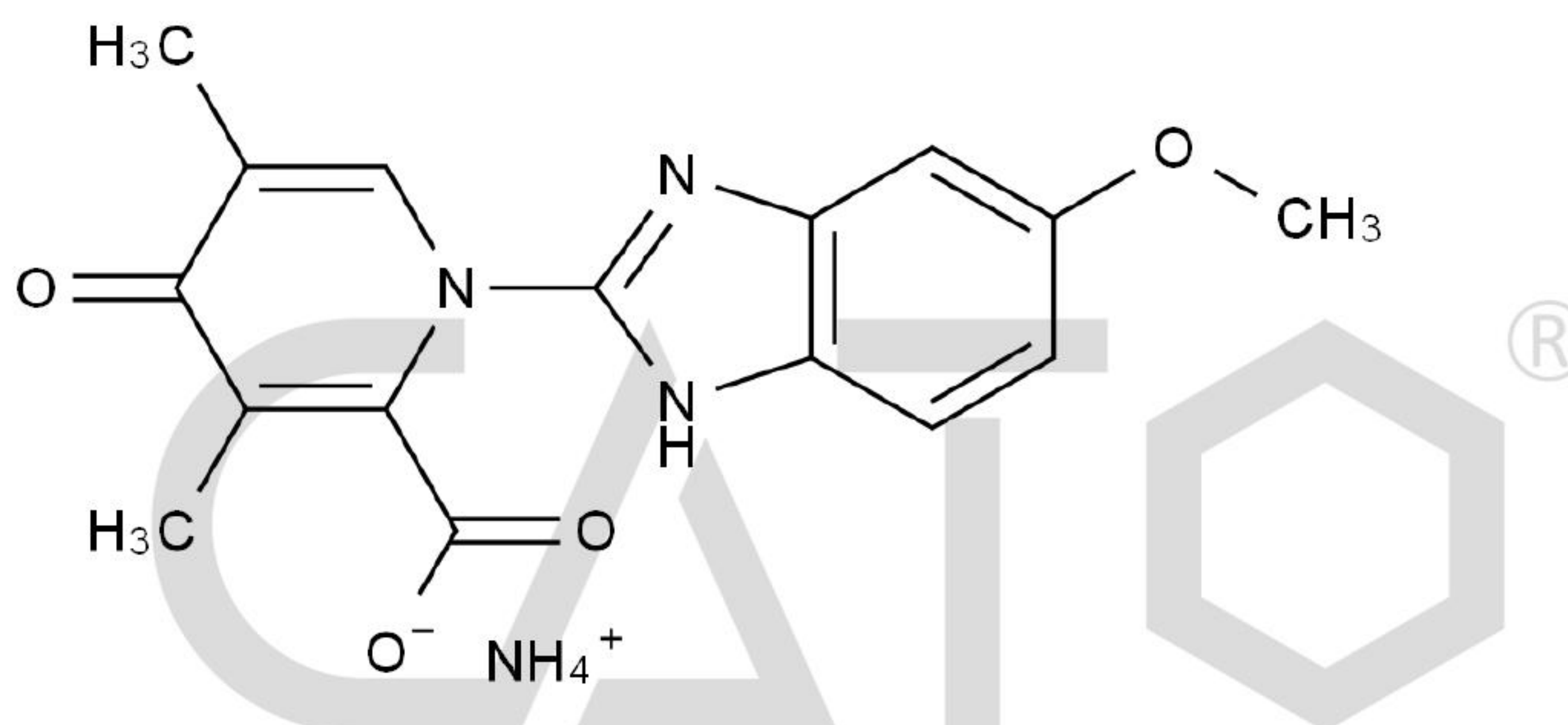


Certificate of Analysis

Reference Material & Standard

Product Name:	Esomeprazol Impurity H431 (Ammonium Salt)	Catalogue Number:	C4X-111210
Synonyms:	N/A	Lot Number:	0601-RH-0037
CAS Number:	2227107-89-1	Expiry Date:	Jul 12, 2030
Molecular Formula:	C ₁₆ H ₁₄ N ₃ O ₄ H ₄ N	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	312.30 18.04	Shipping Condition:	Shipping at Room Temperature
Solubility:	Water		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.468%
Loss on Drying	TGA	2.6747%
Assay		93.9%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 13, 2026

Date: Jul 13, 2026

Date: Jul 13, 2026



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