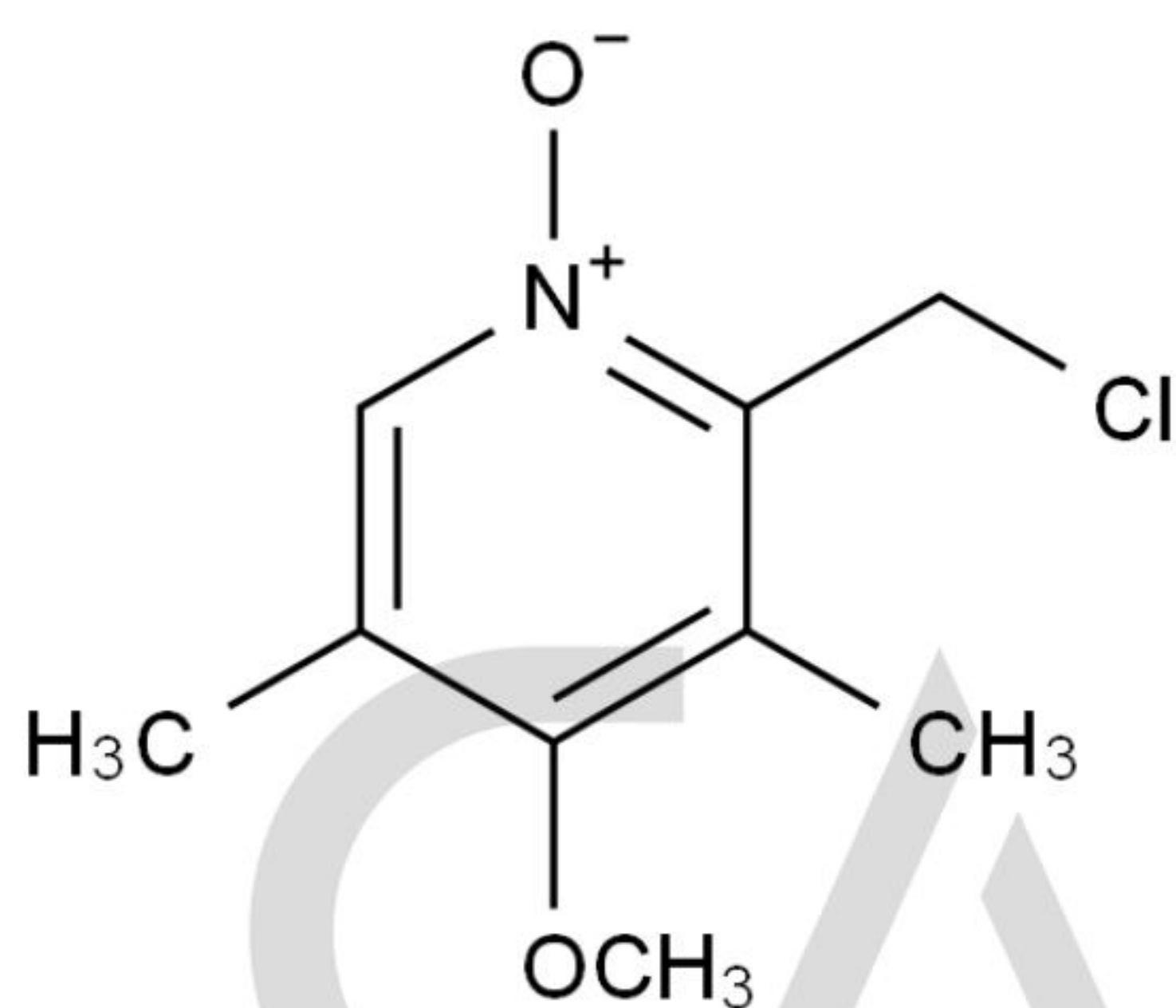


Certificate of Analysis

Reference Material & Standard

Product Name:	Esomeprazole Impurity 27	Catalogue Number:	C4X-111227
Synonyms:	N/A	Lot Number:	0610-RG-0070
CAS Number:	848694-10-0	Expiry Date:	Jun 09, 2028
Molecular Formula:	C ₉ H ₁₂ ClNO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	201.65		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.251%
Loss On Drying	TGA	0.8251%
Assay		98.4%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jun 10, 2025

Date: Jun 11, 2025

Date: Jun 11, 2025

