

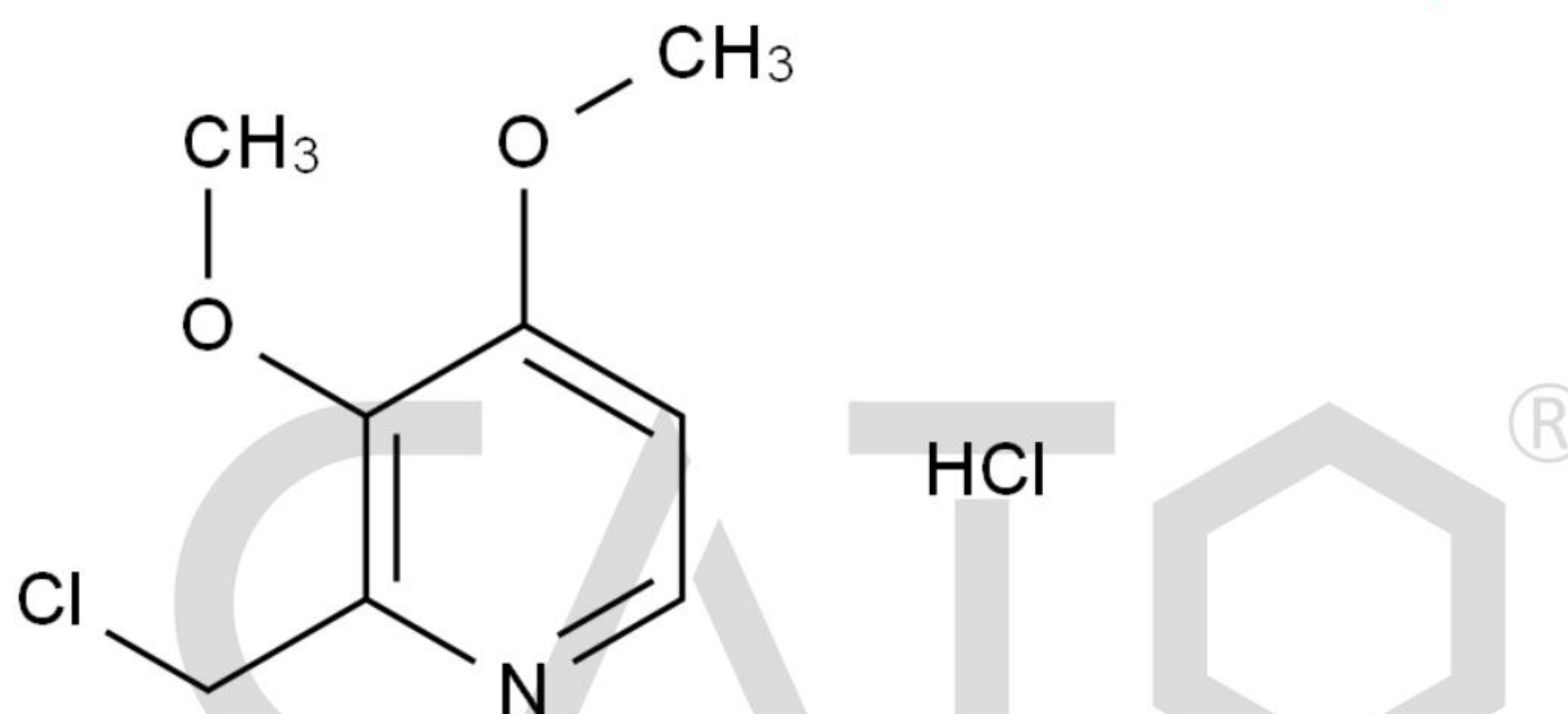
Certificate of Analysis

Reference Material & Standard

Product Name:	Pantoprazole Chloromethyl Impurity	Catalogue Number:	C4X-13997
Synonyms:	N/A	Lot Number:	0511-RE-0069
CAS Number:	72830-09-2	Expiry Date:	Jun 19, 2028
Molecular Formula:	C ₈ H ₁₀ ClNO ₂ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	187.62 36.46	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	0.0026%
Assay		100.0%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jun 20, 2025

Date: Jun 20, 2025

Date: Jun 20, 2025

