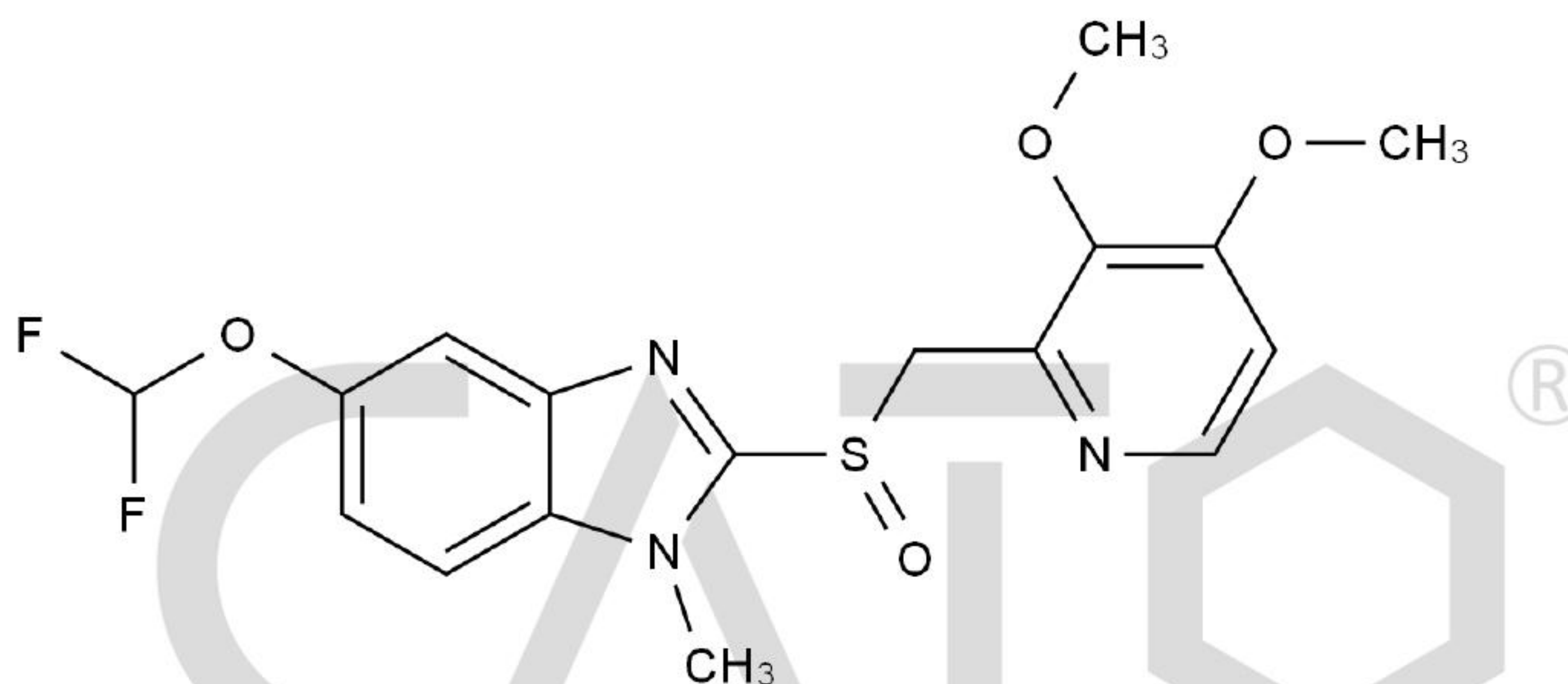


Certificate of Analysis

Reference Material & Standard

Product Name:	Pantoprazole EP Impurity D	Catalogue Number:	C4X-13994
Synonyms:	N/A	Lot Number:	0929-RF-0130
CAS Number:	624742-53-6	Expiry Date:	Oct 08, 2027
Molecular Formula:	C ₁₇ H ₁₇ F ₂ N ₃ O ₄ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	397.40	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.601%
Loss On Drying	TGA	0.6939%
Assay		98.9%

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: Jan 30, 2026

Date: Jan 30, 2026

Date: Jan 30, 2026



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