

Certificate of Analysis

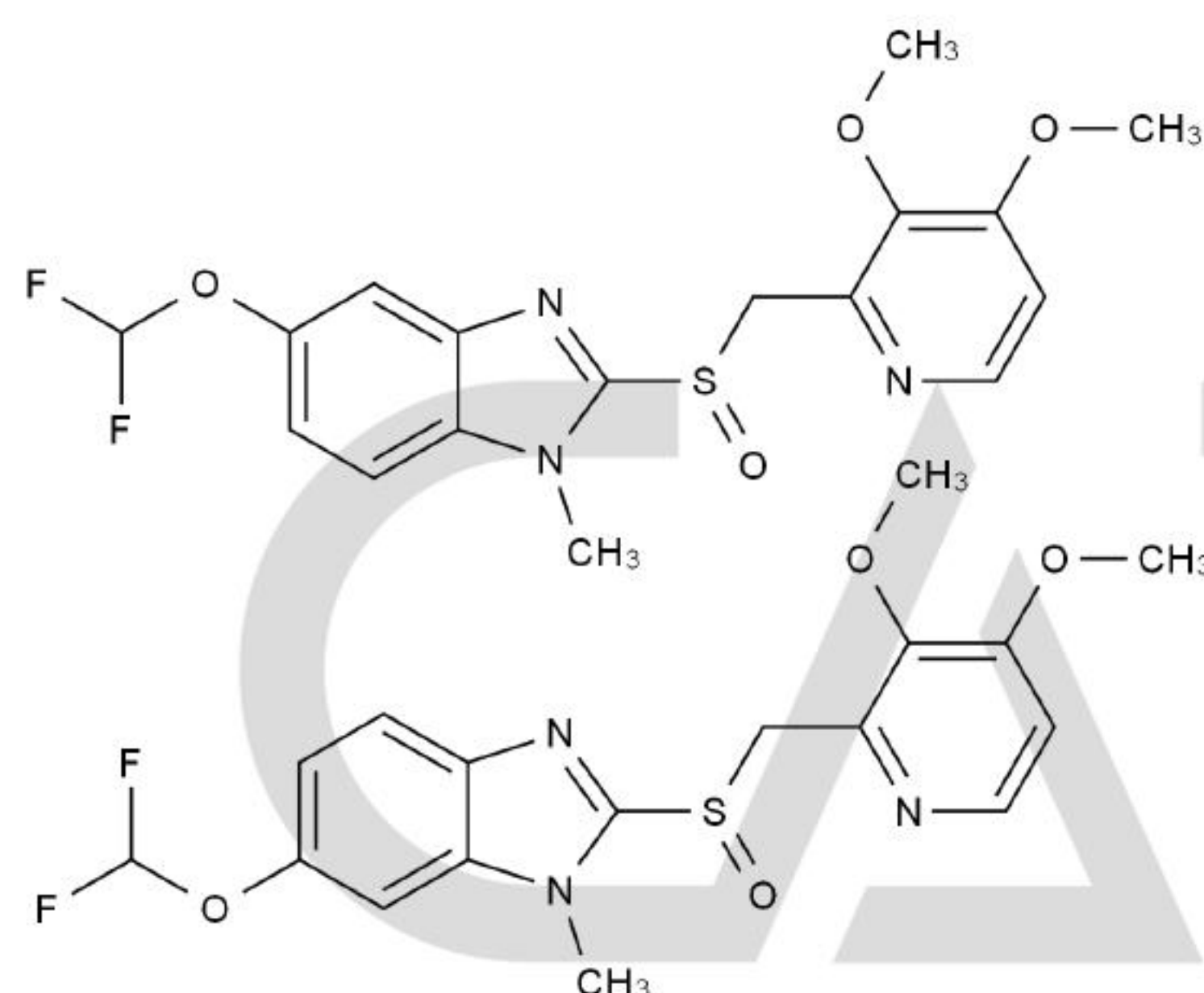
Reference Material & Standard

Product Name:	Pantoprazole EP Impurity D and F(USP Impurity D and F)	Catalogue Number:	C4X-139910
Synonyms:	N/A	Lot Number:	0425-RG-0012
CAS Number:	N/A	Expiry Date:	Apr 28, 2028
Molecular Formula:	2*C ₁₇ H ₁₇ F ₂ N ₃ O ₄ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	2*397.40		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	99.877%
Loss On Drying	TGA	4.9106%
Assay		95.0%

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:

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Approved by General Manager:

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Date: Sep 11, 2025

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