

Certificate of Analysis

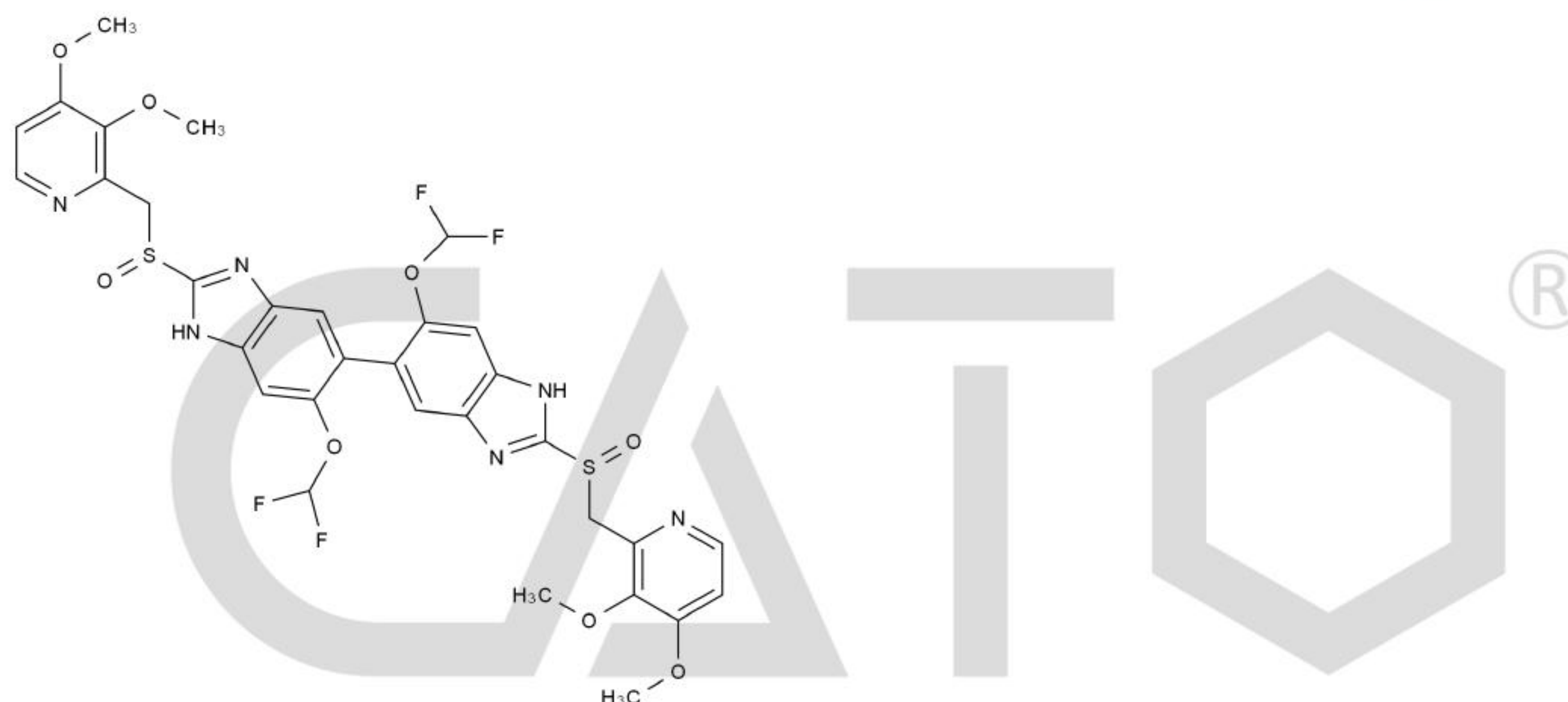
Reference Material & Standard

Product Name:	Pantoprazole EP Impurity E	Catalogue Number:	C4X-13998
Synonyms:	N/A	Lot Number:	0905-RG-0026
CAS Number:	2115779-15-0	Expiry Date:	Aug 05, 2029
Molecular Formula:	C ₃₂ H ₂₈ F ₄ N ₆ O ₈ S ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	764.72	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&UV&CNMR&HNMR	Confirmed
Purity	HPLC	98.730%
Water Content	Karl Fischer	1.20%
Residual Solvents	NMR	Not detected in NMR
Assay		97.5%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

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Reviewed by:

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Approved by General Manager:

David

Date: Sep 07, 2026

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