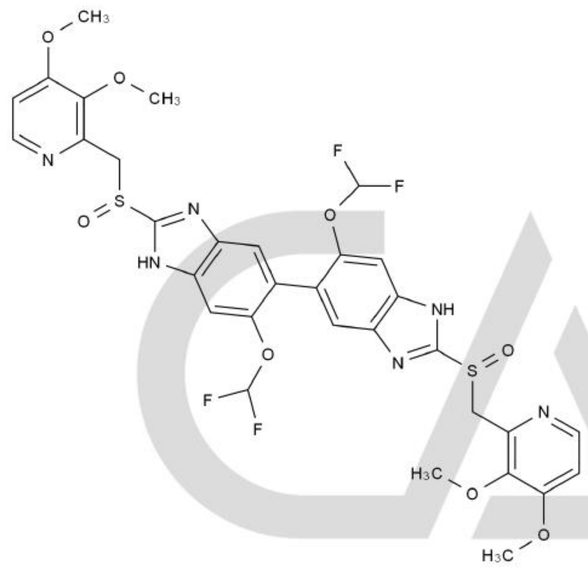
Certificate of Analysis

Reference Material & Standard

Product Name:	Pantoprazole EP Impurity E	**Catalogue Number:**	C4X-13998
Synonyms:	N/A	**Lot Number:**	0916-RG-0142
CAS Number:	2115779-15-0	**Expiry Date:**	Sep 15, 2029
Molecular Formula:	$C_{32}H_{28}F_4N_6O_8S_2$	**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	Orange Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	95.0%
Assay	qNMR	91.3%

CATO Research Chemicals Inc.

Signature:

Prepared by: Alice Date: Nov 10, 2026

Reviewed by: Koi Date: Nov 10, 2026

Approved by General Manager: David Date: Nov 10, 2026

CATO Research Chemicals Inc.