

Certificate of Analysis

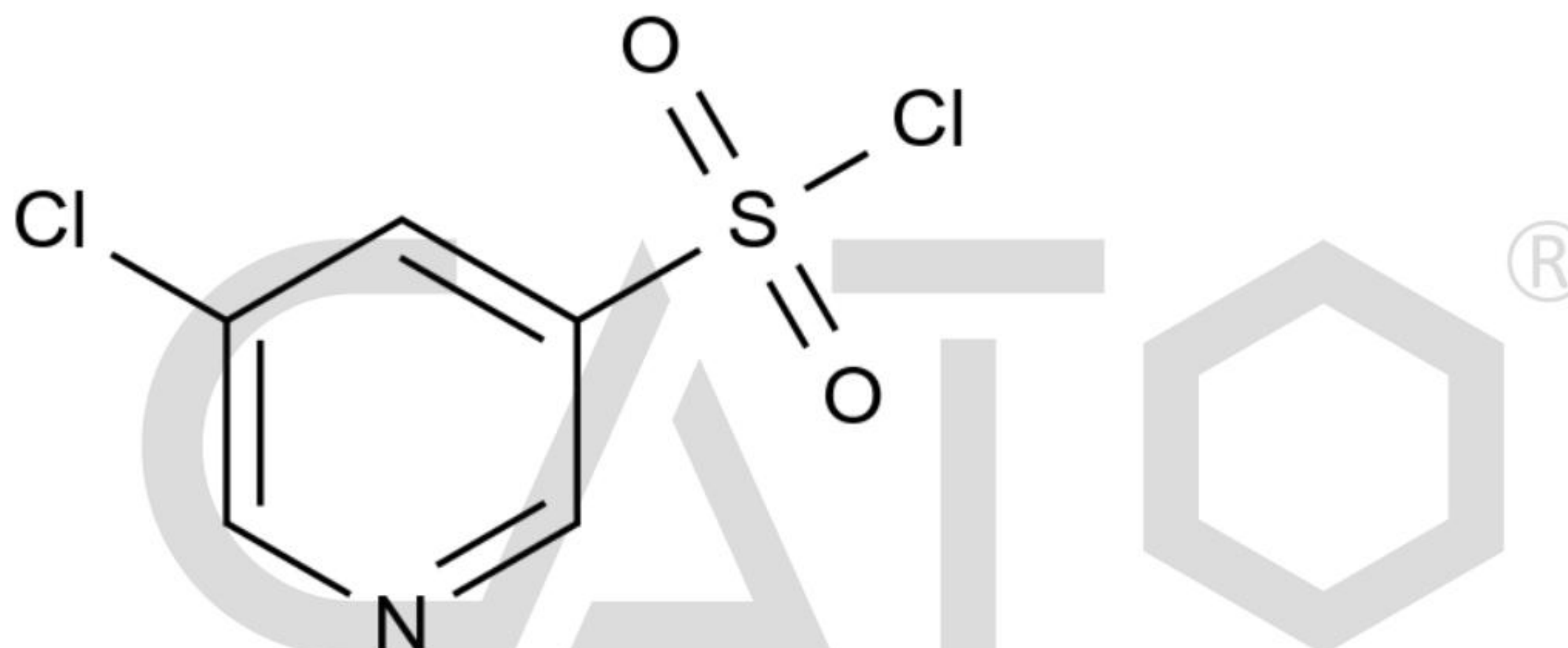
Reference Material & Standard

Product Name:	Vonoprazan Fumarate Impurity 71	Catalogue Number:	C4X-102071
Synonyms:	N/A	Lot Number:	0209-RH-0031
CAS Number:	1060802-18-7	Expiry Date:	Nov 26, 2029
Molecular Formula:	C ₅ H ₃ Cl ₂ NO ₂ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	212.05	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	GCMS&HNMR	Confirmed
Purity	GC	97.91353%
Water Content	Karl Fischer	0.27%
Residual Solvents	NMR	Not detected in NMR
Assay		97.6%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Water Content} - \text{Residual Solvents}) * \text{Purity GC (\%)} / 100\%$

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

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Feb 11, 2026

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Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

