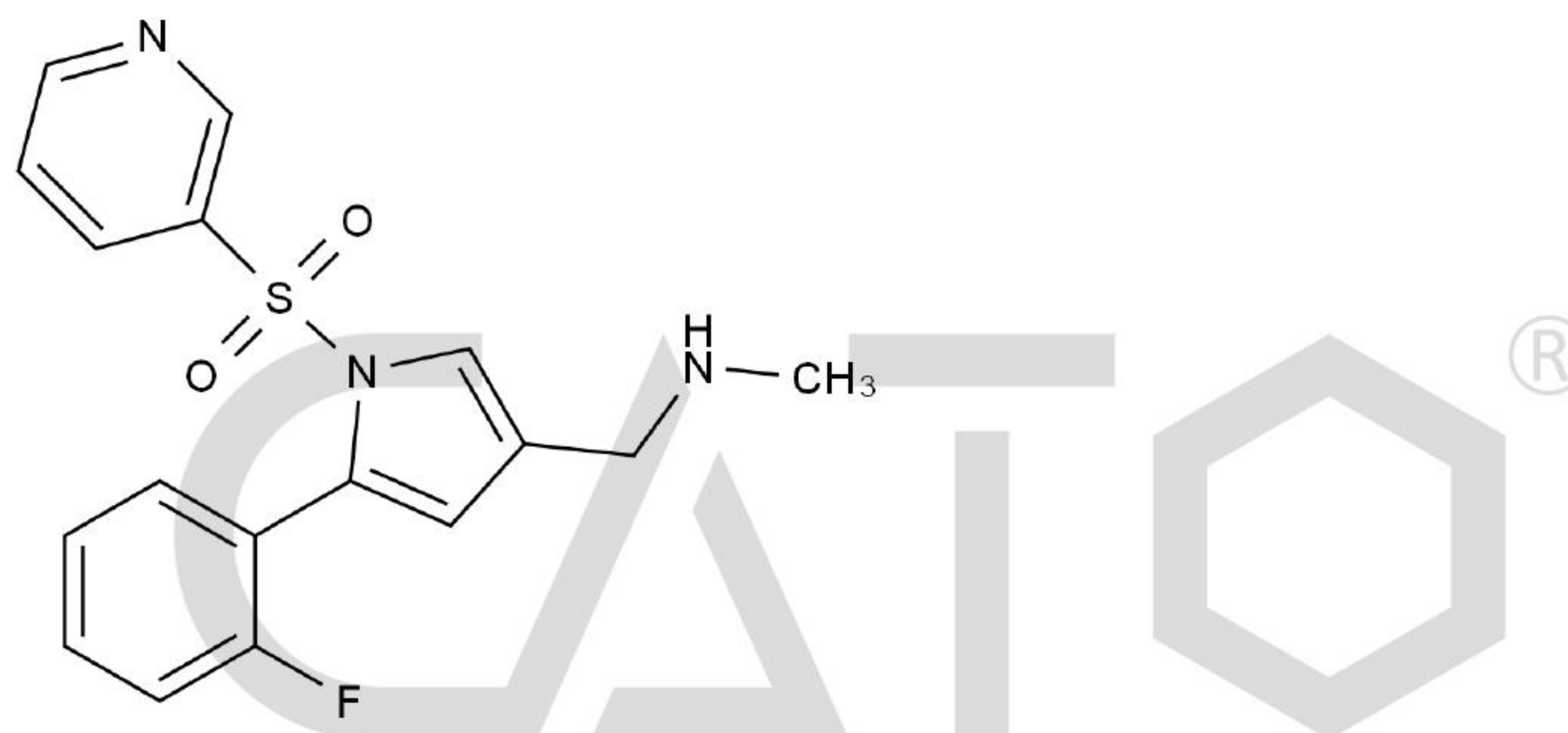


Certificate of Analysis

Reference Material & Standard

Product Name:	Vonoprazan	Catalogue Number:	C4X-102091
Synonyms:	N/A	Lot Number:	0729-RH-0064
CAS Number:	881681-00-1	Expiry Date:	Jul 30, 2030
Molecular Formula:	C ₁₇ H ₁₆ FN ₃ O ₂ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	345.39	Shipping Condition:	Shipping with Ice Packs
Solubility:	Methanol		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.818%
Residue on Ignition	TGA	0.3169%
Loss on Drying	TGA	0.1940%
Assay		99.3%

Comment:

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

Assay (%) = (100% - Residue on Ignition - Loss on Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jul 31, 2026

Date: Jul 31, 2026

Date: Jul 31, 2026



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