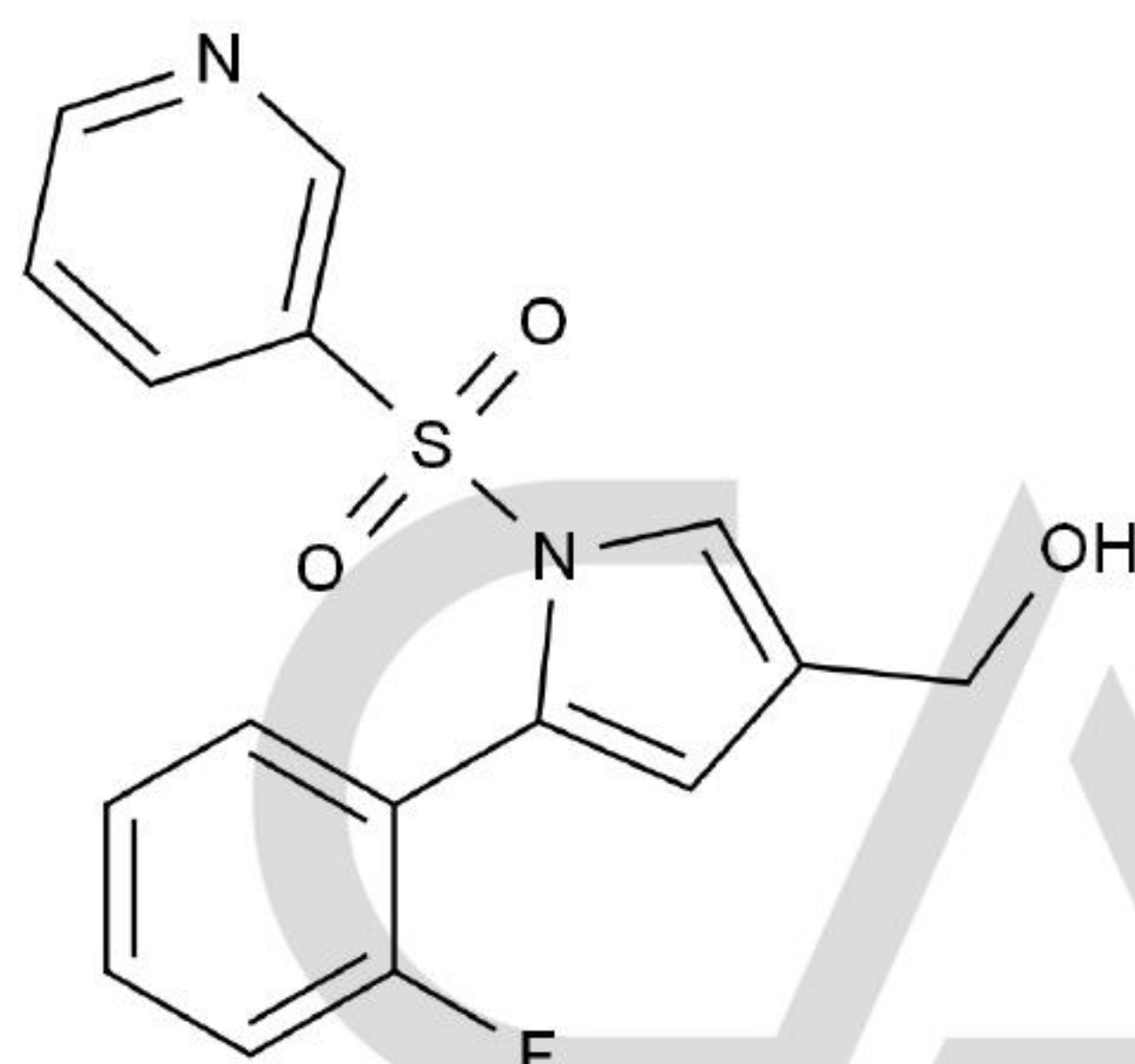


Certificate of Analysis

Reference Material & Standard

Product Name:	Vonoprazan Impurity 43	Catalogue Number:	C4X-102043
Synonyms:	N/A	Lot Number:	0512-RH-0133
CAS Number:	2169271-28-5	Expiry Date:	May 13, 2030
Molecular Formula:	C ₁₆ H ₁₃ FN ₂ O ₃ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	332.35	Shipping Condition:	Shipping at Room Temperature
Solubility:	DMSO	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Pink Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.409%
Residue on Ignition	TGA	0.6765%
Loss on Drying	TGA	1.8909%
Assay		95.9%

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: May 14, 2026

Date: May 14, 2026

Date: May 14, 2026



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