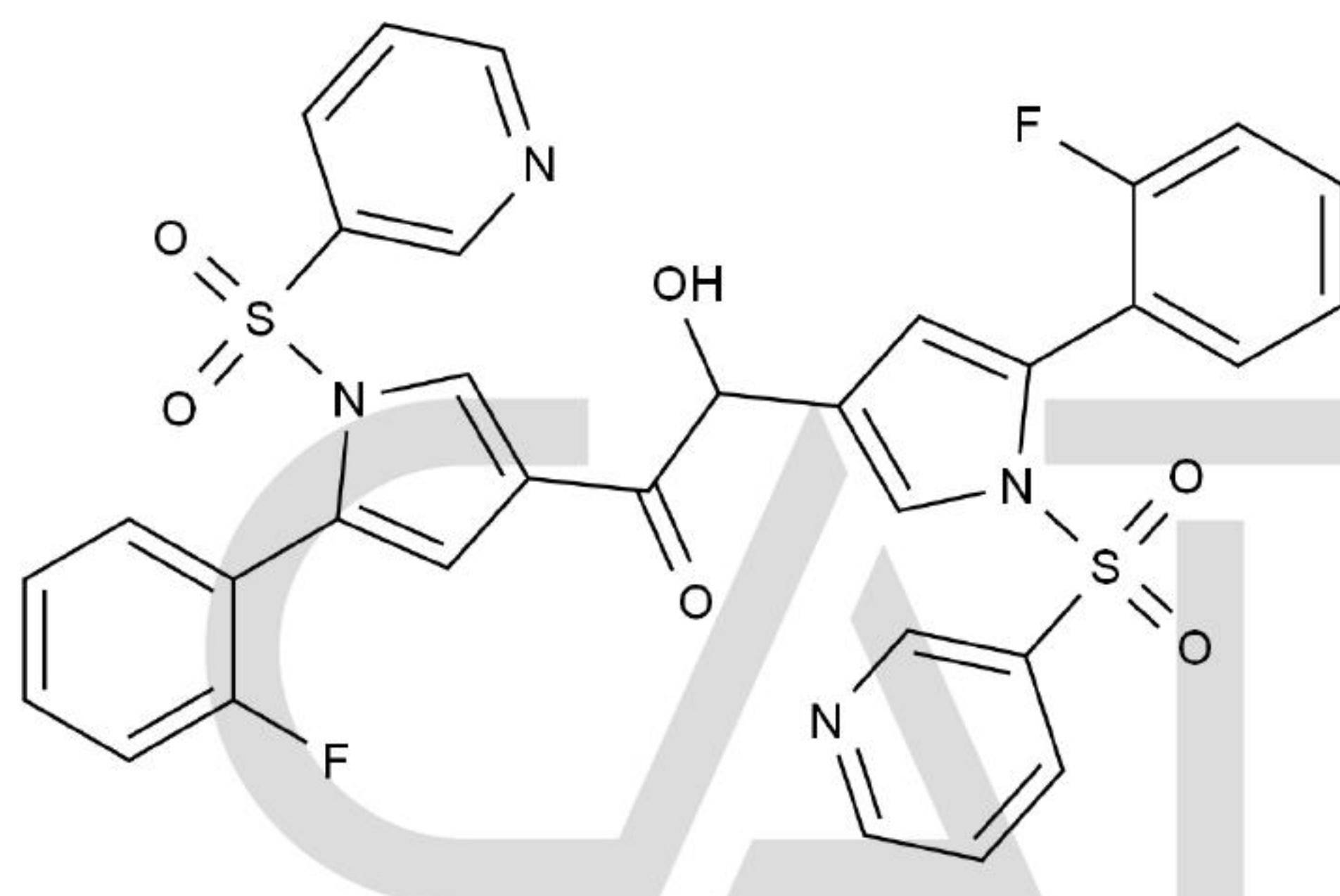


Certificate of Analysis

Reference Material & Standard

Product Name:	Vonoprazan Impurity 115	Catalogue Number:	C4X-1020115
Synonyms:	N/A	Lot Number:	1015-RG-0039
CAS Number:	N/A	Expiry Date:	Oct 14, 2029
Molecular Formula:	C ₃₂ H ₂₂ F ₂ N ₄ O ₆ S ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	660.67	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow to Orange Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	95.6%
Assay	qNMR	91.0%

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Mar 18, 2026

Date: Mar 18, 2026

Date: Mar 18, 2026



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>

