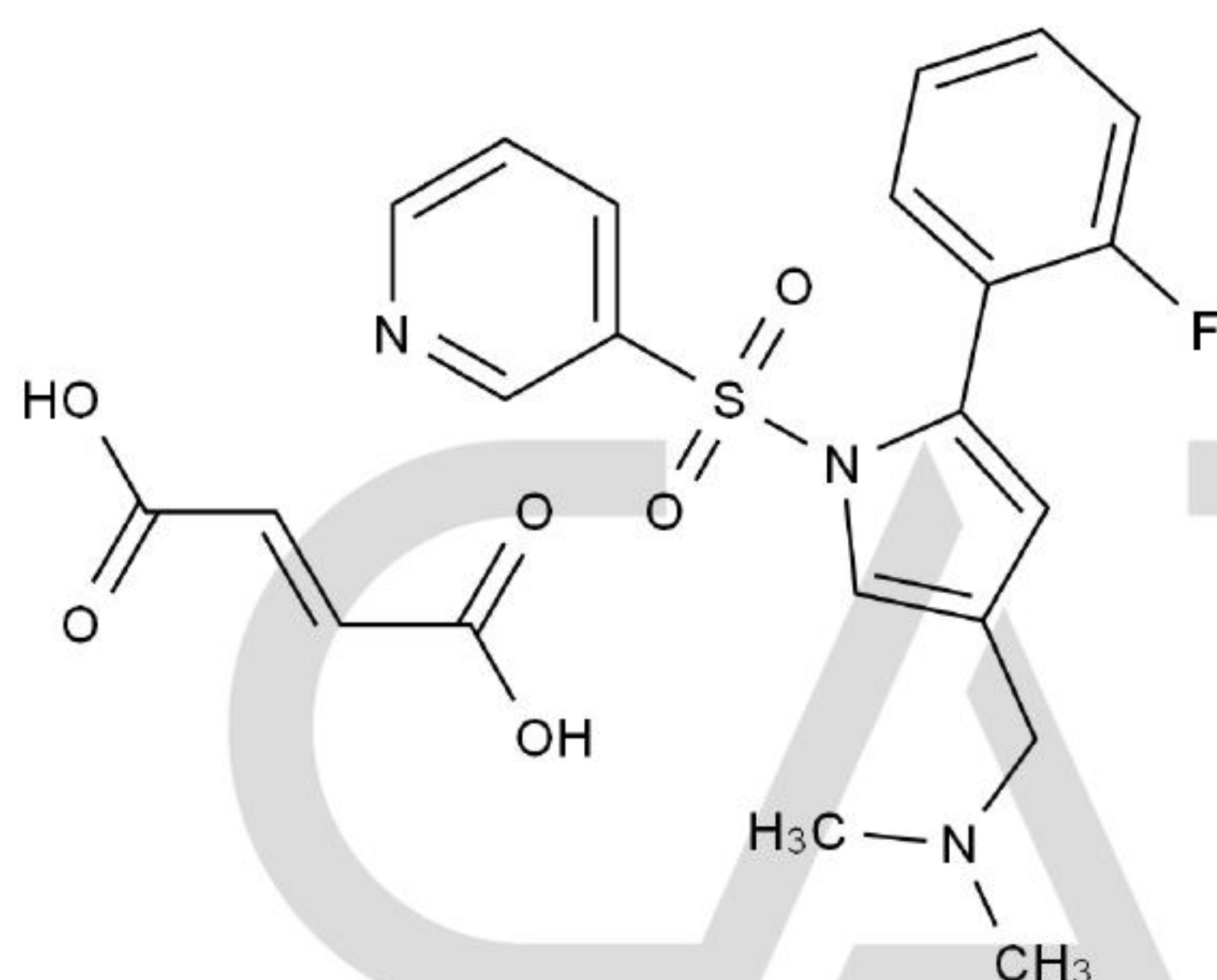


Certificate of Analysis

Reference Material & Standard

Product Name:	Vonoprazan Fumarate Impurity 52	Catalogue Number:	C4X-102052
Synonyms:	N/A	Lot Number:	0410-RH-0148
CAS Number:	N/A	Expiry Date:	Apr 15, 2030
Molecular Formula:	$C_{18}H_{18}FN_3O_2S \cdot C_4H_4O_4$	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	359.42 116.07	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	97.6%
Assay	qNMR	96.4%

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Apr 16, 2026

Date: Apr 16, 2026

Date: Apr 16, 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>

