

Certificate of Analysis

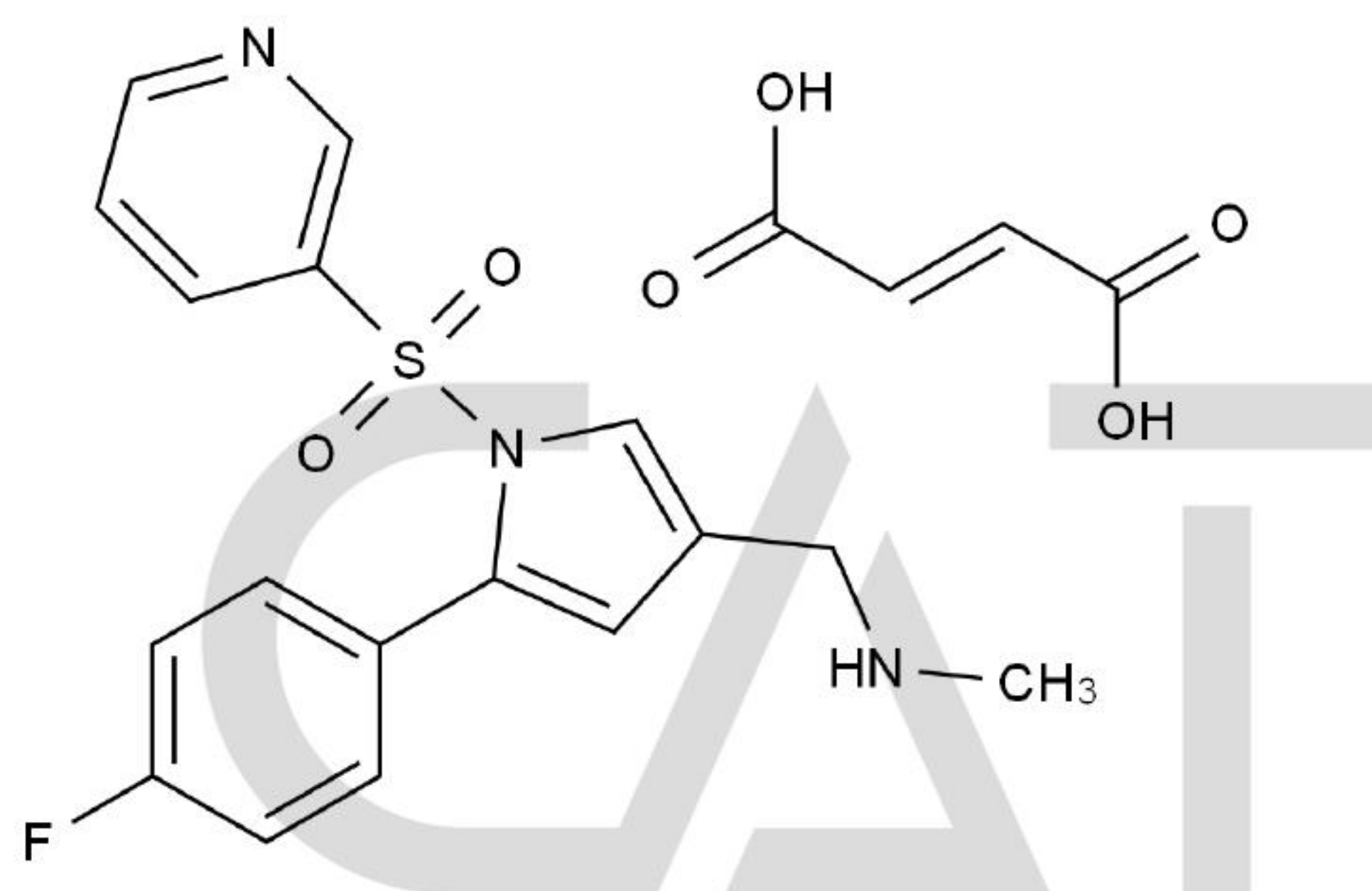
Reference Material & Standard

Product Name:	Vonoprazan Fumarate impurity 44	Catalogue Number:	C4X-102044
Synonyms:	N/A	Lot Number:	0525-RH-0079
CAS Number:	881733-36-4(free base)	Expiry Date:	May 25, 2030
Molecular Formula:	C ₁₇ H ₁₆ FN ₃ O ₂ S C ₄ H ₄ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	345.39 116.07	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.860%
Loss on Drying	TGA	0.0793%
Assay		99.8%

Comment:

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

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

Loss on Drying is 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 26, 2026

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