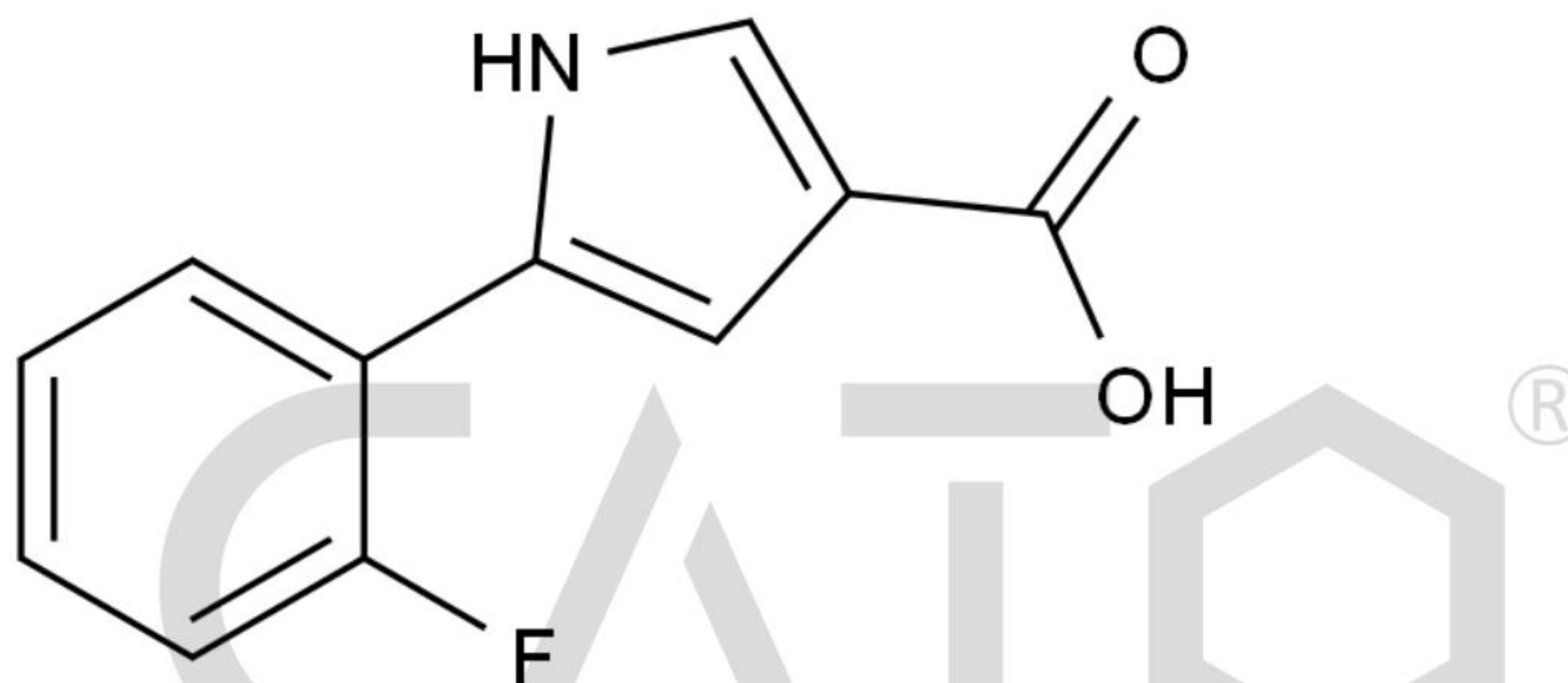


Certificate of Analysis

Reference Material & Standard

Product Name:	Vonoprazan Fumarate Impurity 17	Catalogue Number:	C4X-102017
Synonyms:	N/A	Lot Number:	0106-RG-0105
CAS Number:	1883595-38-7	Expiry Date:	Jan 05, 2028
Molecular Formula:	C ₁₁ H ₈ FNO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	205.19	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Brown Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.845%
Loss On Drying	TGA	0.1944%
Assay		99.7%

Comment:

The calculation of the 100% 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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jan 06, 2025

Date: Jan 07, 2025

Date: Jan 07, 2025

