

Certificate of Analysis

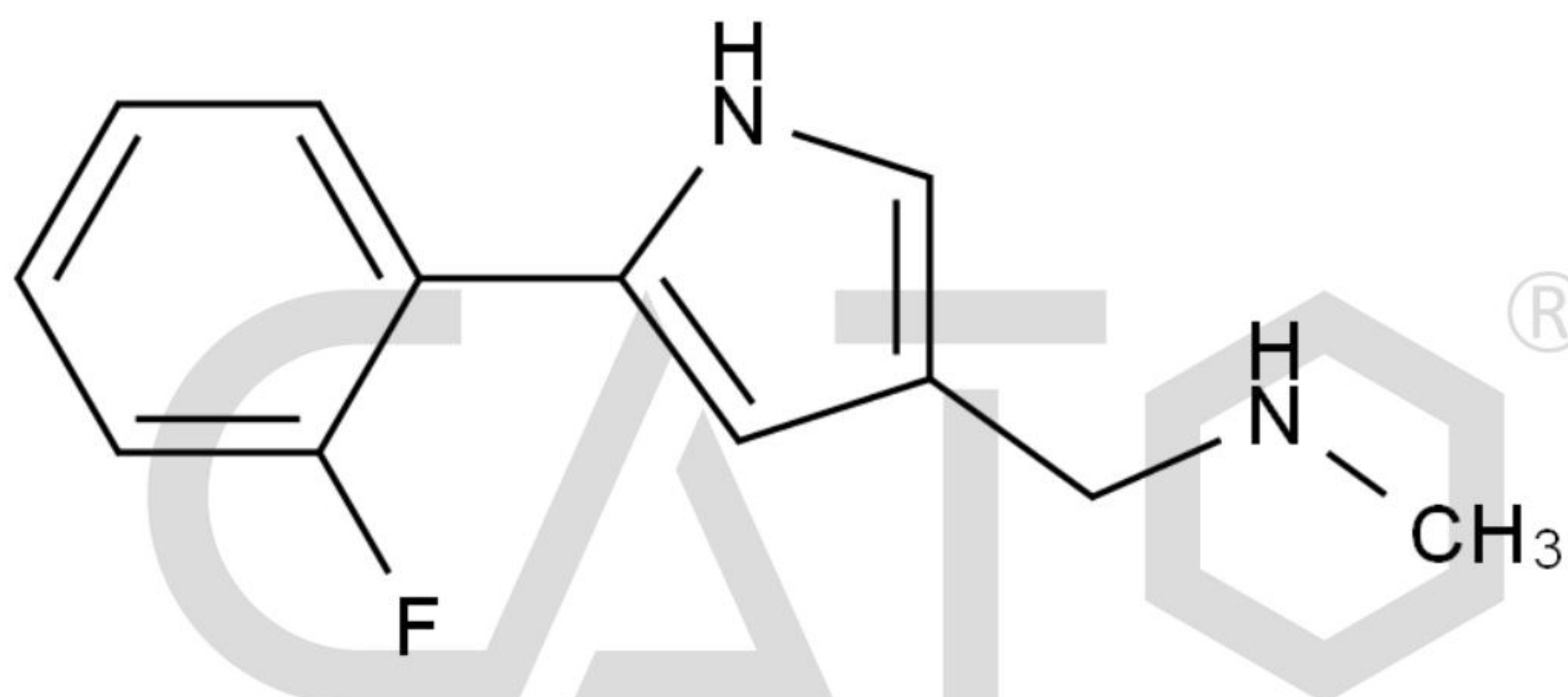
Reference Material & Standard

Product Name:	Vonoprazan Impurity 65	Catalogue Number:	C4X-102065
Synonyms:	N/A	Lot Number:	1104-RG-0034
CAS Number:	1610043-62-3	Expiry Date:	Nov 03, 2029
Molecular Formula:	C ₁₂ H ₁₃ FN ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	204.24	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	99.009%
Residue on Ignition	TGA	1.1759%
Loss on Drying	TGA	0.2649%
Assay		97.6%

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:

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Approved by General Manager:

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Date: Jun 22, 2026

Date: Jun 23, 2026

Date: Jun 23, 2026



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