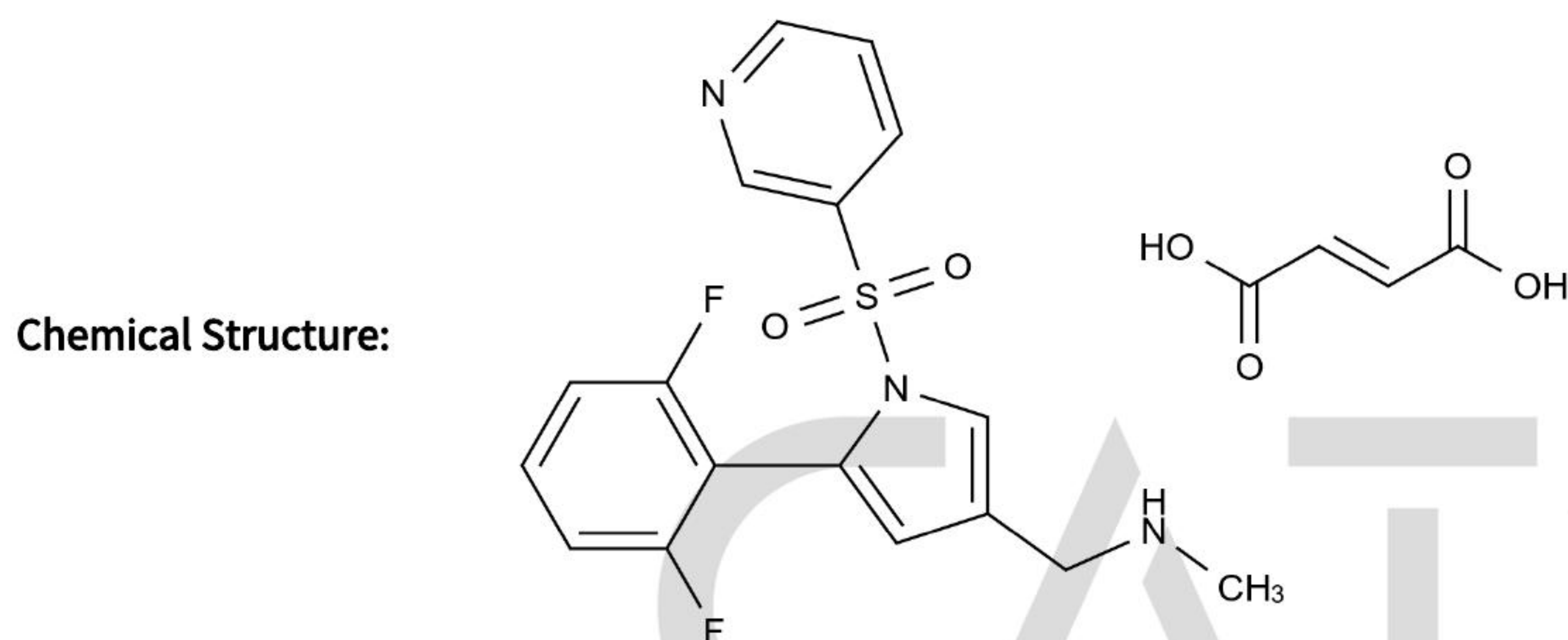


Certificate of Analysis

Reference Material & Standard

Product Name:	Vonoprazan Fumarate Impurity 83	Catalogue Number:	C4X-102083
Synonyms:	N/A	Lot Number:	0103-RG-0065
CAS Number:	928325-41-1 (free base)	Expiry Date:	Jan 06, 2028
Molecular Formula:	C ₁₇ H ₁₅ F ₂ N ₃ O ₂ S C ₄ H ₄ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	363.38 116.07		



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	0.0467%
Assay		100.0%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jan 07, 2025

Date: Jan 07, 2025

Date: Jan 07, 2025

