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## CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2025

Re-test Date: Nov 2028

### Product Name: Vonoprazan Impurity 2

#### Identification:

Chemical Name: (5-(2-Fluorophenyl)-1-(pyridin-3-ylsulfonyl)-1H-pyrrol-3-yl)methanamine hydrochloride

Synonyms : N-Desmethyl Vonoprazan

CAS Number : 2883588-79-0

CAT Number : CP-V14030

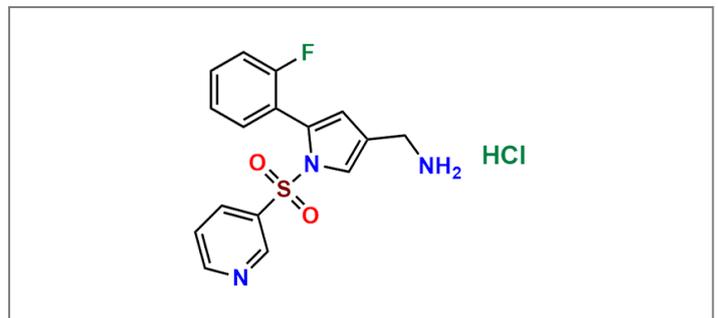
Molecular Formula : C<sub>16</sub>H<sub>14</sub>FN<sub>3</sub>O<sub>2</sub>S : HCl

Molecular Weight : 331.37 : 36.5

Batch Number : CP-38-46

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



#### Analytical Information:

Sr. No.	Test	Result
1)	Description	White to Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	98.76%
5)	<sup>1</sup> HNMR	Confirm to Structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	0.811%
8)	Potency by TGA	97.96%



#### Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Quality Control)

#### Approved By

Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.