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## CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2025

Re-test Date: Oct 2028

**Product Name: Vonoprazan Impurity 3**

### Identification:

Chemical Name: N-Methyl-1-(5-phenyl-1-(pyridin-3-ylsulfonyl)-1H-pyrrol-3-yl)methanamine Hydrochloride

Synonyms : Vonoprazan Desfluoro Isomer  
Impurity

CAS Number : 2650810-07-2

CAT Number : CP-V14031

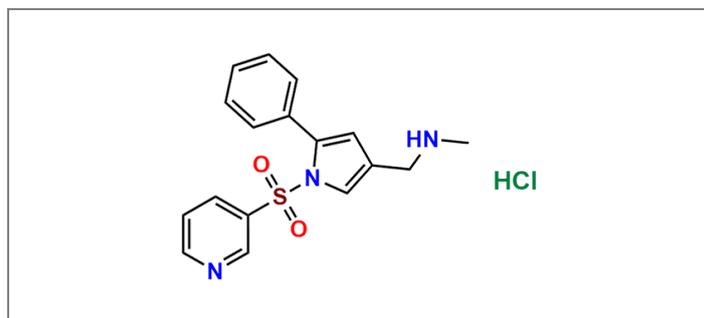
Molecular Formula : C<sub>17</sub>H<sub>17</sub>N<sub>3</sub>O<sub>2</sub>S : HCl

Molecular Weight : 327.4 : 36.46

Batch Number : CP-38-16

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	Grey Hygroscopic Solid
2)	Solubility	Soluble in Methanol/ DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity by HPLC	92.78%
5)	<sup>1</sup> HNMR	Confirm to Structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	3.611%
8)	Potency by TGA	89.43%



### 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.