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## CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2023

Re-test Date: Nov 2026

**Product Name: Vonoprazan Impurity 5**

### Identification:

Chemical Name: 1-(5-(2-Fluorophenyl)-1H-pyrrol-3-yl)-N-methylmethanamine

Synonyms : Vonoprazan Pyrrole methyl amine impurity

CAS Number : 1610043-62-3

CAT Number : CP-V14002

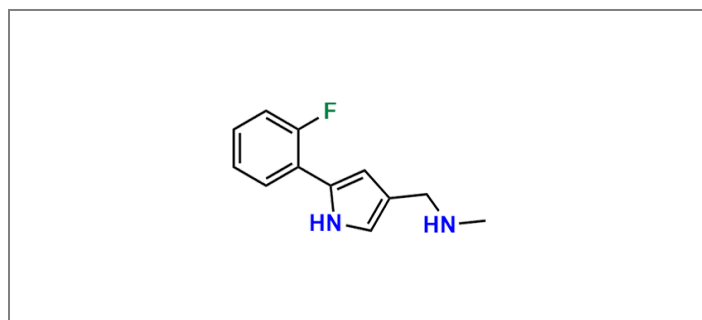
Molecular Formula : C<sub>12</sub>H<sub>13</sub>FN<sub>2</sub>

Molecular Weight : 204.25

Batch Number : CP-VON-05-0723

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	Brown Thick Oil
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.08%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	2.526%
8)	Potency by TGA	95.55%



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

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