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CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2025

Re-test Date: Aug 2028

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

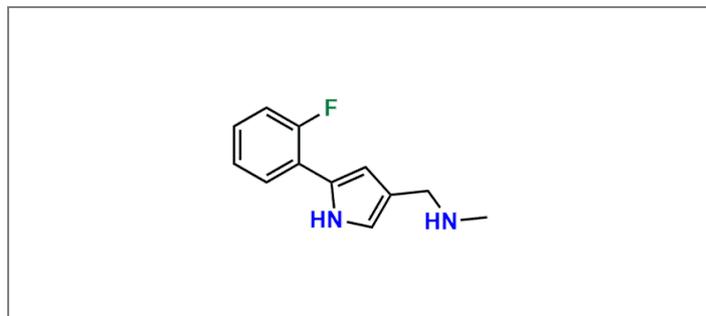
Molecular Formula : C₁₂H₁₃FN₂

Molecular Weight : 204.25

Batch Number : CP-25-138 -B

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 Sticky Solid |
| 2) | Solubility | Soluble in Methanol/DMSO |
| 3) | MASS By LCMS | Confirm to Structure |
| 4) | Purity by HPLC | 98.84% |
| 5) | ¹ H NMR | Confirm to structure |
| 6) | ¹³ C NMR | Confirm to Structure |
| 7) | IR | Confirm to Structure |
| 8) | Weight loss by TGA | 2.793% |
| 9) | Potency by TGA | 96.07% |



Prepared and Reviewed By

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe
(Quality Control)

Approved By

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare
(Quality Assurance)

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