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CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2025

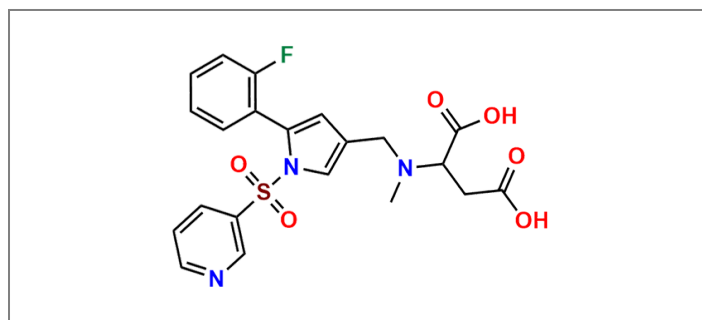
Re-test Date: Dec 2026

Product Name: Vonoprazan Impurity 38

Identification:

Chemical Name: N-((5-(2-Fluorophenyl)-1-(pyridin-3-ylsulfonyl)-1H-pyrrol-3-yl)methyl)-N-methylaspartic acid

Synonyms : NA
CAS Number : 2170020-79-6
CAT Number : CP-V14005
Molecular Formula : C₂₁H₂₀FN₃O₆S
Molecular Weight : 461.46
Batch Number : CP-VON-38-0125
Storage Condition : Tightly closed, Inert atmosphere at -20° C
Shipping condition : At low temperature with dry ice and ice pack gel



Analytical Information:

Sr. No.	Test	Result
1)	Description	White to Off White Highly Hygroscopic Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.94%
5)	¹ HNMR	Confirm to structure
6)	¹³ CNMR	Confirm to Structure
7)	IR	Confirm to Structure



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.