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## CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2023

Re-test Date: May 2025

**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

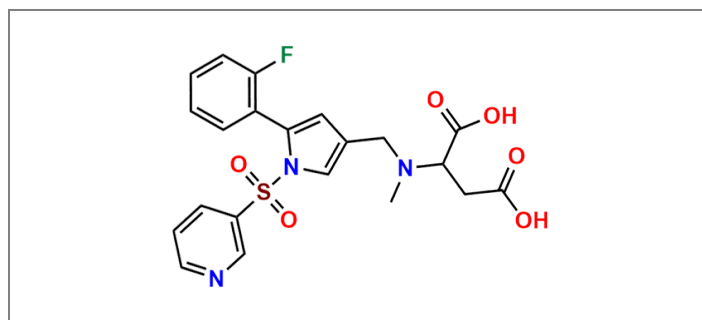
Molecular Formula : C<sub>21</sub>H<sub>20</sub>FN<sub>3</sub>O<sub>6</sub>S

Molecular Weight : 461.46

Batch Number : CP-VON-38-0623

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	Clear colorless to Pale Yellow Liquid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	97.73%
5)	H1NMR	Confirm to structure
6)	13CNMR	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.