

CERTIFICATE OF ANALYSIS

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1. Identification

Catalogue C424203

Product: 2-Chloro Vonoprazan

Structure:

CI O S N H CH₃

Lot 7-GAT-169-1

Shipping This Product Is Stable To Be **Condition:** Shipped At Room Temperature

CAS Number: 928325-68-2

Synonym: 2-Chloro-5-(2-fluorophenyl)-N-methyl-1-(3-

pyridinylsulfonyl)-1H-pyrrole-3-methanamine

Molecular Formula:

C₁₇H₁₅ClFN₃O₂S Molecular weight:

379.84

Source of Product:

Synthetic **Solubility**:

DMSO (Slightly), Methanol

(Slightly)

Purity: 96%

Storage Condition: -20°C

2. Warning

Warning 1: Warning 2: Warning 3:

3. Analytical Information

Tests: Specifications: Results:

Appearance Pale Yellow to Light Yellow Thick Oil Pale Yellow to Light Yellow Thick Oil

NMR Conforms to Structure Conforms

Elemental Analysis Conforms %C: 53.44, %H: 4.22, %N: 10.78

HPLC Purity Report Result 96.52% (200 nm)

MS Conforms to Structure Conforms

Additional Information: Contains: ~1.8% Dichloromethane

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of \pm 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By Reviewed By C of A Approved Test Date Retest Date

Swathi Reddy Toni Rantanen Chanell Chu 2/9/2023 2/7/2027

R. Letin