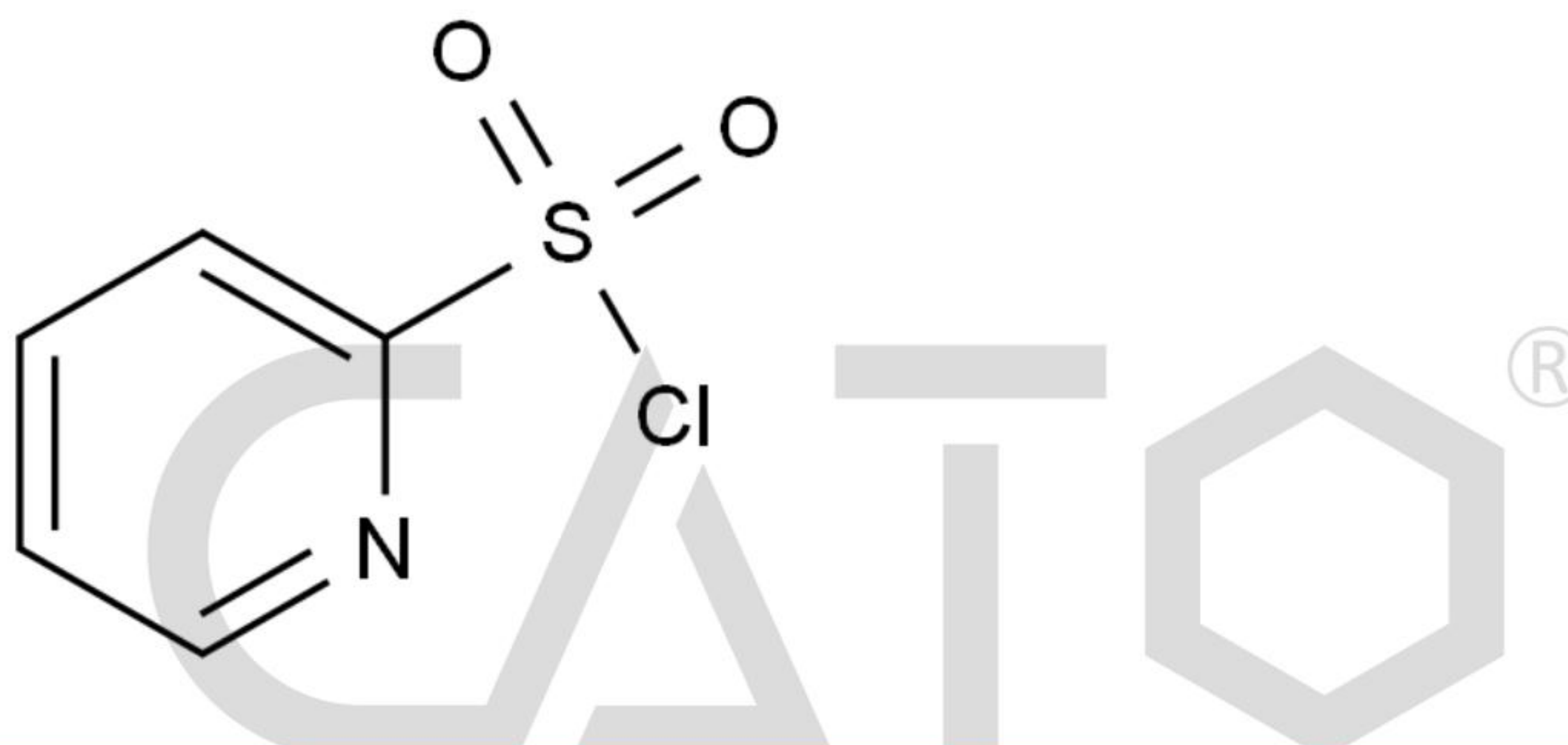


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                   |                   |                                           |
|--------------------|---------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Vonoprazan Impurity 143                           | Catalogue Number: | C4X-1020143                               |
| Synonyms:          | N/A                                               | Lot Number:       | 0912-RE-0017                              |
| CAS Number:        | 66715-65-9                                        | Expiry Date:      | Sep 21, 2026                              |
| Molecular Formula: | C <sub>5</sub> H <sub>4</sub> ClNO <sub>2</sub> S | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 177.61                                            |                   |                                           |

Chemical Structure:



| Test Items     | Method            | Results              |
|----------------|-------------------|----------------------|
| Appearance     | Visual inspection | Yellow Sticky Liquid |
| Identification | GCMS&HNMR         | Confirmed            |
| Purity         | GC                | 99.1%                |

Signature:

Prepared by:

*Nice*

Reviewed by:

*Lisa*

Approved by General Manager:

*David*

Date: Sep 22, 2023

Date: Sep 22, 2023

Date: Sep 22, 2023



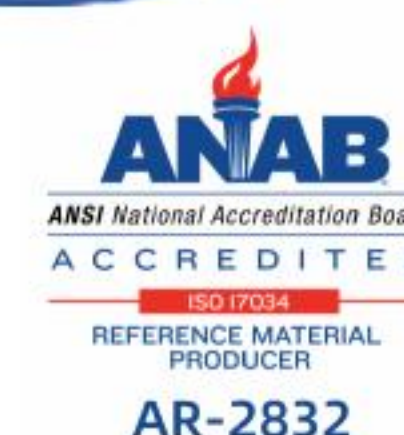
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