



## **CERTIFICATE OF ANALYSIS**

Date: 18-06-2025

| Product Name                   | Vericiguat Impurity 7                                                 |                                          |              |  |  |
|--------------------------------|-----------------------------------------------------------------------|------------------------------------------|--------------|--|--|
| Chemical Name                  | 5-Fluoro-1-(2-fluorobenzyl)-1H-pyrazolo[3,4-b]pyridine-3-carbonitrile |                                          |              |  |  |
| Structure                      | ×                                                                     |                                          |              |  |  |
| Batch. No.                     | -                                                                     | CAS No.                                  | 1350653-26-7 |  |  |
| Analysis Date                  | -                                                                     | Retest Date                              | 5            |  |  |
| Mol. Formula                   | $C_{14}H_8F_2N_4$                                                     | Molecular Wt.                            | 270.2        |  |  |
| Long term Storage Condition    |                                                                       | Store at 2-8 °C in well closed container |              |  |  |
| Handling and Transit Condition |                                                                       | 25-30 °C in well closed container        |              |  |  |

| Test                                                                                | Result                |  |  |
|-------------------------------------------------------------------------------------|-----------------------|--|--|
| Appearance                                                                          | -                     |  |  |
| Solubility                                                                          | -                     |  |  |
| 1H-NMR                                                                              | Conforms to structure |  |  |
| MASS                                                                                | Conforms to structure |  |  |
| Chromatographic Purity                                                              | >90%                  |  |  |
| Note: This material should be used for research purpose and not for human or animal |                       |  |  |

consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.

|           | Prepared By | Checked By | Approved By |
|-----------|-------------|------------|-------------|
| Signature |             |            |             |
| Date      |             |            |             |

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