

## Certificate of Analysis

|                                     |                             |                   |                                                                           |
|-------------------------------------|-----------------------------|-------------------|---------------------------------------------------------------------------|
| Product                             | SLU-PP-332                  | CAS No. :         | 2408983-1<br>5-2                                                          |
| Product No. :                       | SLU                         | Molecular Formula | C <sub>19</sub> H <sub>19</sub><br>F <sub>3</sub> N <sub>4</sub> O<br>2 S |
| Sequence /<br>Structural<br>Feature | Small Molecule Compound     |                   |                                                                           |
| Batch No.                           | SLU-26031501                | Quantity          | 1275.0g                                                                   |
| Mfg. Date                           | Mar.13 <sup>th</sup> , 2026 | Retest Date       | Mar.12 <sup>th</sup> ,<br>2028                                            |

| 【ITEMS】                             | 【SPECIFICATIONS】                                                                                                   | 【RESULTS】                |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------|--------------------------|
| Appearance                          | White or almost white loose powder                                                                                 | White<br>loose<br>powder |
| Solubility                          | Soluble in organic solvent                                                                                         | Conforms                 |
| Solution<br>clarity and<br>color    | Clear and colorless liquid                                                                                         | Conforms                 |
| Identificati<br>on-HPLC             | The retention time of the principal peak of the test<br>solution corresponds to that of the reference<br>solution. | Conforms                 |
| Identificati<br>on-Mass<br>spectrum | 424.4±1.0                                                                                                          | 424.3                    |
| Structural<br>Identificati<br>on    | Consistent with molecular structure of SLU-PP-332                                                                  | Conforms                 |
| 【ITEMS】                             | 【SPECIFICATIONS】                                                                                                   | 【RESULTS】                |
| Related<br>substances (H<br>PLC)    | Largest peak Detected:NMT 0.5%<br>Total Peaks Detected:NMT 2.0%                                                    | 0<br>0.78%               |
| Purity (HPLC)                       | NLT 98.0%                                                                                                          | 99.20%                   |
| pH                                  | 6.5~8.5                                                                                                            | 7.3                      |
| Acid group<br>ions                  | Trifluoroacetate ion NMT 0<br>Acetate ion NMT 0.5%                                                                 | N. D                     |



|                             |                                                                                                                                                                     |                                  |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Water content (KF)          | NMT 8.0%                                                                                                                                                            | 3.80%                            |
| Sodium ion                  | 1.0~2.0%                                                                                                                                                            | 1.60%                            |
| Content                     | NLT 90.0%                                                                                                                                                           | 93.70%                           |
| Oligomer / Polymer impurity | NMT 0.5%                                                                                                                                                            | N. D                             |
| Residual solvent            | Methylene chloride NMT 6<br>Acetonitrile NMT 4<br>Methyl tert-butyl ether NMT 5000 ppm<br>DMF NMT 880ppm                                                            | 66<br>N. D                       |
| Bacterial endotoxins        | NMT 5EU/mg                                                                                                                                                          | <3EU/mg                          |
| Microbial Limits            | Total aerobic bacteria $\leq 1$<br>Mould & Yeast $\leq$<br>Bile tolerant enterobacteria:<br>Pseudomonas aeruginosa: absence<br>Staphylococcus aureus: absence in 1g | Conforms<br><br>absent<br>absent |
| Assay                       | 95.0-10<br>(Calculated on anhydrous, ion-free basis)                                                                                                                | 99.00%                           |
| Storage                     | Keep in tight container, protect from light, store at a temperature of $-20\pm 5^{\circ}\text{C}$                                                                   |                                  |
| Report                      | Li peng                                                                                                                                                             | Date:<br>Mar. 13, 2026           |
| Reviewer                    | Pang Hailan                                                                                                                                                         | Date:<br>Mar. 13, 2026           |



Conclusion This batch of product complies with Enterprise Standard.  
It is only