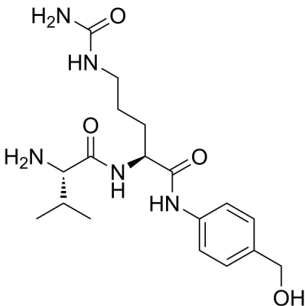
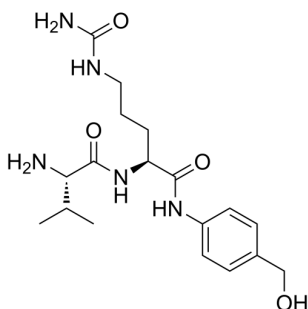


## Certificate of Analysis

### Compound Information

|                            |                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------|
| <b>Product Name:</b>       | Val-cit-PAB-OH                                                                    |
| <b>Cat. No.:</b>           | 1055315                                                                           |
| <b>CAS No.:</b>            | 159857-79-1                                                                       |
| <b>Molecular Formula:</b>  | C <sub>18</sub> H <sub>29</sub> N <sub>5</sub> O <sub>4</sub>                     |
| <b>Molecular Weight:</b>   | 379.45                                                                            |
| <b>Chemical Structure:</b> |  |



### Batch Information

|                     |                              |
|---------------------|------------------------------|
| <b>Batch No.:</b>   | Lf1121183831                 |
| <b>Storage:</b>     | 2-8°C, stored under nitrogen |
| <b>Test Date:</b>   | 2022-11-21                   |
| <b>Retest Date:</b> | 2025-11-20                   |
| <b>Origin:</b>      | Shanghai, China              |

### QC Summary

|                                    |                                                                         |
|------------------------------------|-------------------------------------------------------------------------|
| <b>Appearance:</b>                 | White to off-white (Solid)                                              |
| <b><sup>1</sup>H NMR Spectrum:</b> | Consistent with structure                                               |
| <b>Purity (NMR):</b>               | ≥97.0%                                                                  |
| <b>OR(C=1.0g/100ml DMF):</b>       | -20.9°                                                                  |
| <b>Conclusion:</b>                 | The product has been tested and complies with the given specifications. |

Caution: Research use only and are not intended for human use.

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