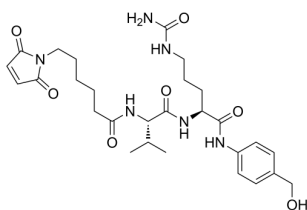


## Certificate of Analysis

### Compound Information

|                            |   |
|----------------------------|---|
| <b>Product Name:</b>       | MC-Val-Cit-PAB  |
| <b>Cat. No.:</b>           | 1060271   |
| <b>CAS No.:</b>            | 159857-80-4   |
| <b>Molecular Formula:</b>  | C <sub>28</sub> H <sub>40</sub> N <sub>6</sub> O <sub>7</sub> |
| <b>Molecular Weight:</b>   | 572.65  |
| <b>Chemical Structure:</b> |   |



### Batch Information

|                     |  |
|---------------------|--|
| <b>Batch No.:</b>   | L405534  |
| <b>Storage:</b>     | 2-8°C, protect from light, stored under nitrogen |
| <b>Test Date:</b>   | 2023-01-11                                       |
| <b>Retest Date:</b> | 2026-01-10                                       |
| <b>Origin:</b>      | Shanghai, China                                  |

### QC Summary

|                                    |   |
|------------------------------------|---|
| <b>Appearance:</b>                 | White to yellow (Solid)   |
| <b><sup>1</sup>H NMR Spectrum:</b> | Consistent with structure   |
| <b>LCMS:</b>                       | Consistent with structure   |
| <b>Enantiomeric Excess:</b>        | 100.00%   |
| <b>Purity (HPLC):</b>              | 98.95%  |
| <b>Water(KF):</b>                  | 0.39%   |
| <b>OR[α](C=0.5g/100ml DMF):</b>    | -10.6°  |
| <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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