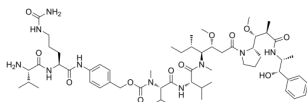


## Certificate of Analysis

### Compound Information

|                            |   |
|----------------------------|---|
| <b>Product Name:</b>       | Val-Cit-PAB-MMAE  |
| <b>Cat. No.:</b>           | 1056736   |
| <b>CAS No.:</b>            | 644981-35-1   |
| <b>Molecular Formula:</b>  | C <sub>58</sub> H <sub>94</sub> N <sub>10</sub> O <sub>12</sub> |
| <b>Molecular Weight:</b>   | 1123.43   |
| <b>Chemical Structure:</b> |   |



### Batch Information

|                     |                              |
|---------------------|------------------------------|
| <b>Batch No.:</b>   | L423841                      |
| <b>Storage:</b>     | 2-8°C, stored under nitrogen |
| <b>Test Date:</b>   | 2023-01-03                   |
| <b>Retest Date:</b> | 2026-01-02                   |
| <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>LCMS:</b>                       | Consistent with structure   |
| <b>Purity (HPLC):</b>              | 99.37%  |
| <b>Water(KF):</b>                  | 2.57%   |
| <b>Assay:</b>                      | 96.99%  |
| <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.**

Tel: 400-821-0725

E-mail: [product@leyan.com](mailto:product@leyan.com)

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai