

Certificate of Analysis

| Product Name | Cell Tracker CM-DiI (Cell membrane orange-red fluorescent probe | | | |
|-------------------|---|--------------------|-----------------------|--|
| 1100001(0010 | plus) | | | |
| Cat.No. | C4060Z1 | Storage Conditions | Store at -20 ° C away | |
| | | | from light | |
| Lot.No. | 088W0102-53 | Expiration Date | 28-03-2026 | |
| Molecular Formula | $C_{68}H_{105}Cl_2N_3O$ | Molecular Weight | 1051.5 | |
| CAS Number | 180854-97-1 | Excitation | 553/570 nm | |
| CIAS I (umber | | Emission | 333/3/0 IIII | |

Quality Control

| Items | Specification | Result | |
|-----------------------------|----------------------|----------------------|--|
| Packaging appearance | Intact and undamaged | Intact and undamaged | |
| Appearance | Orange red solid | Orange red solid | |
| Weight/volume | 50-55μg | 50μg | |
| Molarextinction coefficient | 138000±13800 | 138863 | |

Appendix

Standard Test

This Product has been tested and the components have been found to conform to UE quality standards.

| Conclusion | Up to standard | Report Date | 23-02-2023 |
|------------|----------------|-------------|------------|
| QC | Long 2hang | QA | Qiu hua-Yu |

