

Certificate of Analysis

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|---|------------------------|----------------------------|----------------------------|
| Product Name | DiOC2(3) | | |
| Cat.No. | D4027 | Storage Conditions | -20°C & Protect from light |
| Lot.No. | 221029G01-03 | Expiration Date | 28-10-2027 |
| Molecular Formula | $C_{21}H_{21}N_2O_2$ | Molecular Weight | 460.3 |
| CAS Number | 905-96-4 | Excitation Emission | (MeOH): 482/497 nm |
| Quality Control | | | |
| Items | Specification | Result | |
| Packaging appearance | Intact and undamaged | Intact and undamaged | |
| Appearance | Orange red solid | Orange red solid | |
| Weight/volume | 20-20.6mg | 20mg | |
| molar extinction coefficient | 160000 ± 25000 | 157150 | |
| Purity | TLC > 95% | TLC > 95% | |
| Appendix | | | |
| This Product has been tested and the components have been found to conform to UE quality standards. | | | |
| Conclusion | Up to standard | Report Date | 13-01-2026 |
| QC | <i>Chen ming Jiang</i> | QA | <i>Qin Hua-Yu</i> |

