

Catalog Number D14730
Product Name DiOC₂(3) (3,3'-diethyloxacarbocyanine iodide)
Appearance red solid
Lot Number 2465030

| | LOT DATA | SPECIFICATION |
|---|---|---|
| Absorption ¹ Maximum Extinction | 483 nm 153600 cm ⁻¹ M ⁻¹ | 482 ± 3 nm 160000 ± 12500 cm ⁻¹ M ⁻¹ |
| Fluorescence ¹ Emission Maximum | 499 nm | 497 ± 4 nm |
| HPLC Purity | 99 % at 485 nm | ≥ 95 % at 485 nm |
| NMR Result | meets specification | consistent with structure |
| Miscellaneous Information Material Lot Number | 2312637 | n.a. |

1. Solvent: Methanol



Rachel Smith, Quality Assurance Manager
16-Jul-2021

Life Technologies Corporation, on behalf of its Invitrogen business, Molecular Probes® labeling and detection technologies, certifies on the date above that this is an accurate record of the analysis of the subject lot and that the data conform to the specifications in effect for this product at the time of analysis.