

Catalog Number D3821
Product Name 4,4-difluoro-5,7-dimethyl-4-bora-3a,4a-diaza-s-indacene-3-hexadecanoic acid (BODIPY® FL C₁₆)
Appearance orange solid
Lot Number 2413460

| | LOT DATA | SPECIFICATION |
|----------------------------------|--|---|
| Absorption¹ | | |
| Maximum | 505 nm | 505 ± 3 nm |
| Extinction | 93000 cm ⁻¹ M ⁻¹ | 87000 ± 6000 cm ⁻¹ M ⁻¹ |
| Fluorescence¹ | | |
| Emission Maximum | 513 nm | 512 ± 4 nm |
| HPLC | | |
| Purity | 99 % at 505 nm | ≥ 95 % at 505 nm |
| NMR | | |
| Result | meets specification | consistent with structure |
| Miscellaneous Information | | |
| Material Lot Number | 2407767 | n.a. |

1. Solvent: Methanol



Rachel Smith, Quality Assurance Manager
 12-Nov-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.