

Catalog Number D3821
Product Name 4,4-difluoro-5,7-dimethyl-4-bora-3a,4a-diaza-s-indacene-3-hexadecanoic acid (BODIPY® FL C₁₆)
Molecular Formula C₂₇H₄₁BF₂N₂O₂
Molecular Weight 474.44
Appearance orange solid
Lot Number 1977609

	LOT DATA	SPECIFICATION
Absorption ¹ Maximum Extinction	505 nm 93000 cm ⁻¹ M ⁻¹	505 ± 3 nm 87000 ± 6000 cm ⁻¹ M ⁻¹
Fluorescence ¹ Emission Maximum	509 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	1807079	N/A

1. Solvent: Methanol.



Rachel Smith, Quality Assurance Manager
13-Oct-2016

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.