

Catalog Number D3861
Product Name 4,4-difluoro-5-(4-phenyl-1,3-butadienyl)-4-bora-3a,4a-diaza-s-indacene-3-undecanoic acid (BODIPY® 581/591 C₁₁)
Molecular Formula C₃₀H₃₅BF₂N₂O₂
Molecular Weight 504.43
Appearance purple
Lot Number 1531675

	LOT DATA	SPECIFICATION
Absorption ¹ Maximum Extinction	582 nm 141000 cm ⁻¹ M ⁻¹	582 ± 3 nm 141000 ± 15000 cm ⁻¹ M ⁻¹
Fluorescence ¹ Emission Maximum	591 nm	591 ± 4 nm
HPLC Purity	99 % at 582 nm	≥ 95 % at 582 nm
NMR Result	meets specification	consistent with structure
Miscellaneous Information Material Lot Number	1397173	N/A

1. Solvent: Methanol.

Betty Wood

Betty Wood, Quality Assurance Manager
12-Jun-2013

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.