

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 C ₁₁)	
Molecular Formula	C ₃₀ H ₃₅ BF ₂ N ₂ O ₂	
Molecular Weight	504.43	
Appearance	purple	
Lot Number	1531675	

	LOT DATA	SPECIFICATION
Absorption¹		
Maximum	582 nm	582 ± 3 nm
Extinction	141000 cm ⁻¹ M ⁻¹	141000 ± 15000 cm ⁻¹ M ⁻¹
Fluorescence¹		
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, 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.