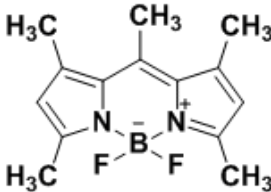


Certificate of Analysis (C of A)			
Name:	EverFluor 493/503 *X-Pure, >99%* BODIPY™ 493/503 *TM of MP*		
Catalog Number:	8160	Lot:	52038
CAS Number:	121207-31-6	Formula:	C ₁₄ H ₁₇ BF ₂ N ₂
Molecular Weight:	262.11 (g/mol)		
	Observed	Standard	
HPLC Purity:	99% at 490 nm	≥ 95% at 490 nm	
Absorption (Methanol)			
Wavelength (λ _{max}):	493 nm	493 ± 3 nm	
Extinction:	88,300 cm ⁻¹ M ⁻¹	88,000 ± 6,000 cm ⁻¹ M ⁻¹	
Fluorescence (Methanol)			
Emission Max:	508 nm	504 ± 4 nm	
TLC Purity:	> 99%	≥ 95%	
TLC System:	4:1 Hexane/Ethyl Acetate		
Storage:			
Production Lot:	14355	Release:	18-Jul-2014
		Expiration:	18-Jul-2024
Structure:			

This data reflects the accuracy of the analysis of the subject lot
 For research use only. Not for human use. No animal source.
 This material is chemically synthesized and manufactured in the USA

Approved by: Dianna Wineinger
 Analytical Services Manager

Date: 18-Jul-2014

Signature: 