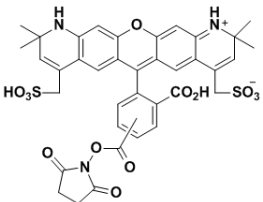


Certificate of Analysis (C of A)			
Name:	BF 568, SE *Mixed Isomers* Bella Fluor 568 NHS Ester (Succinimidyl Ester)		
Catalog Number:	7782	Lot:	51316
CAS Number:	N/A	Formula:	C ₃₇ H ₃₃ N ₃ O ₁₃ S ₂
Molecular Weight:	791.80 (g/mol)		
	Observed	Standard	
HPLC Purity:	87% at 254 nm	≥ 70% at 254 nm	
Absorption (Buffer pH 7)			
Wavelength (λ _{max}):	579 nm	578 ± 3 nm	
Extinction:	100,600 cm ⁻¹ M ⁻¹	93,000 ± 9,000 cm ⁻¹ M ⁻¹	
Fluorescence (Buffer pH 7)			
Emission Max:	602 nm	602 ± 4 nm	
TLC Purity:	> 90%	≥ 70%	
TLC System:	80:20 Acetonitrile / Water		
Storage:	Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)		
Production Lot:	15981	Release:	12-Jan-2018
		Expiration:	12-Jan-2023
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 M Wineinger
 Analytical Services Manager

Date: 12-Jan-2018

Signature: 