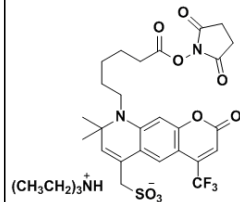


## Certificate of Analysis

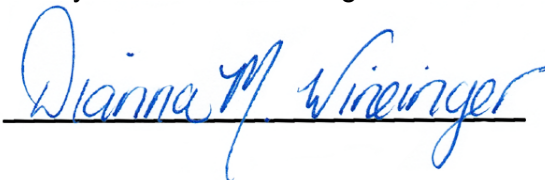
(C of A)

Name:	<b>BF 430 SE</b> Bella Fluor 430 NHS Ester (Succinimidyl Ester)		
Catalog Number:	7828	Lot:	51988
CAS Number:	222164-96-7	Formula:	C <sub>32</sub> H <sub>42</sub> F <sub>3</sub> N <sub>3</sub> O <sub>9</sub> S
Molecular Weight:	701.75 (g/mol)		
<b>Observed</b> vs <b>Standard</b>			
HPLC Purity:	94% at 254 nm	≥ 80% at 254 nm	
<b>Absorption (Methanol)</b>			
Wavelength (λ <sub>max</sub> ):	425 nm	425 ± 3 nm	
Extinction:	20,000 cm <sup>-1</sup> M <sup>-1</sup>	19,000 ± 2,000 cm <sup>-1</sup> M <sup>-1</sup>	
<b>Fluorescence (Methanol)</b>			
Emission Max:	528 nm	530 ± 4 nm	
TLC Purity:	> 99%	≥ 80%	
TLC System:	80:20 Chloroform/Methanol		
Storage:	Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)		
Production Lot:	16404	Release:	25-Mar-2021
		Expiration:	25-Mar-2026
Structure:	 <p style="text-align: center;">(CH<sub>3</sub>CH<sub>2</sub>)<sub>3</sub>NH<sup>+</sup> SO<sub>3</sub><sup>-</sup> CF<sub>3</sub></p>		

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:** 25-Mar-2021

**Signature:** 

**Date:** 01-Feb-2023