

Certificate of Analysis							
Name	C-Laurdan Two-photon polarity-sensitive lipid membrane probe N-Methyl-N-[6-(1-oxododecyl)-2-naphthalenyl]glycine						
Catalog Number:	8217		Lot: 52048				
CAS Number:	959839-06-6	Formula: C <sub>25</sub> H <sub>35</sub> NO <sub>3</sub>					
Molecular Weight	397.56 (g/mol)						
	Observed		Standard				
HPLC Purity	95% at 254 nm		≥ 90% at 254 nm				
Absorption (Methanol)							
Wavelength (λ <sub>max</sub> )	361 nm		364 ± 3 nm				
Extinction	22,800 cm <sup>-1</sup> M <sup>-1</sup>		24,000 ± 2,000 cm <sup>-1</sup> M <sup>-1</sup>				
Fluorescence (Methanol)							
Emission Max	Emission Max: 494 nm		496 ± 4 nm				
TLC Purity	: > 97%	97% ≥ 90%					
TLC System	80:20 Chloroform / N	ethanol	thanol				
Storage	Freeze: Store at -5 to from light (L)	to -30°C (F), Protect from moisture (D), Protect					
Production Lot: 16	448 Release	e: 18-Jun-20	21 Exp	piration: 18-	Jun-2031		
Structure:							

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	Date:	18-Jun-2021
	Analytical Services Manager	Ē	
Signature:	Dianna M Win	<u>einger</u>	