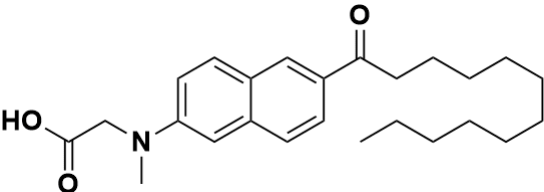


Certificate of Analysis (C of A)			
Name:	C-Laurdan Two-photon polarity-sensitive lipid membrane probe N-Methyl-N-[6-(1-oxododecyl)-2-naphthalenyl]glycine		
Catalog Number:	8217	Lot:	52048
CAS Number:	959839-06-6	Formula:	C ₂₅ H ₃₅ NO ₃
Molecular Weight:	397.56 (g/mol)		
	Observed	Standard	
HPLC Purity:	95% at 254 nm	≥ 90% at 254 nm	
Absorption (Methanol)			
Wavelength (λ _{max}):	361 nm	364 ± 3 nm	
Extinction:	22,800 cm ⁻¹ M ⁻¹	24,000 ± 2,000 cm ⁻¹ M ⁻¹	
Fluorescence (Methanol)			
Emission Max:	494 nm	496 ± 4 nm	
TLC Purity:	> 97%	≥ 90%	
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:	16448	Release:	18-Jun-2021
		Expiration:	18-Jun-2031
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: 18-Jun-2021

Signature: 