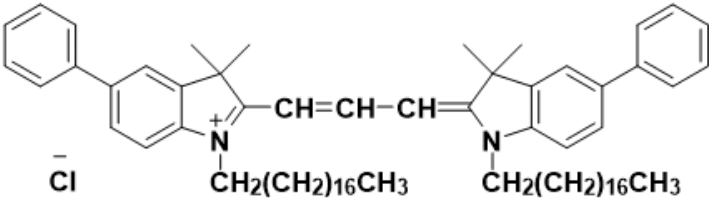


Certificate of Analysis (C of A)									
Name:		5,5'-Ph ₂ -DiIC ₁₈ (3) 1,1'-Dioctadecyl-5,5'-diphenyl-3,3,3', 3'-tetramethylindocarbocyanine chloride							
Catalog Number:		6669	Lot:		52109				
CAS Number:		N/A	Formula:		C ₇₁ H ₁₀₅ ClN ₂				
Molecular Weight:		1022.08 (g/mol)							
		Observed		Standard					
HPLC Purity:		99% at 576 nm		≥ 90% at 576 nm					
Absorption (Methanol)									
Wavelength (λ _{max}):		576 nm		576 ± 3 nm					
Extinction:		123,400 cm ⁻¹ M ⁻¹		123,000 ± 8,000 cm ⁻¹ M ⁻¹					
Fluorescence (Methanol)									
Emission Max:		598 nm		598 ± 4 nm					
Storage:		Store at Room Temperature (RT), Protect from moisture (D), Protect from light (L)							
Production Lot:		16471	Release:		02-Sep-2021	Expiration:		02-Sep-2041	
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: 02-Sep-2021

Signature: 