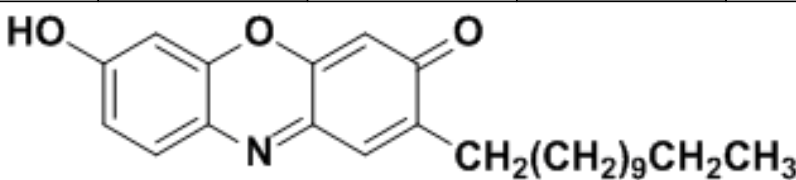


Certificate of Analysis (C of A)					
Name:		2-Dodecylresorufin 2-Dodecyl-7-hydroxy-3H-phenoxazin-3-one			
Catalog Number:		6854	Lot:		50799
CAS Number:		147662-88-2	Formula:		C ₂₄ H ₃₁ NO ₃
Molecular Weight:		381.51 (g/mol)			
		Observed		Standard	
HPLC Purity:		99% at 254 nm		≥ 90% at 254 nm	
Absorption (0.2M KOH/MeOH)					
Wavelength (λ _{max}):		578 nm		577 ± 3 nm	
Extinction:		69,600 cm ⁻¹ M ⁻¹		68,000 ± 5,000 cm ⁻¹ M ⁻¹	
Fluorescence (0.2M KOH/MeOH)					
Emission Max:		597 nm		598 ± 4 nm	
TLC Purity:		> 98%		≥ 90%	
TLC System:		90:10 Chloroform / Methanol			
Storage:		Store at Room Temperature (RT), Protect from moisture (D), Protect from light (L)			
Production Lot:		15165	Release:	22-Sep-2015	Expiration: 22-Sep-2025
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: 22-Sep-2015

Signature: 