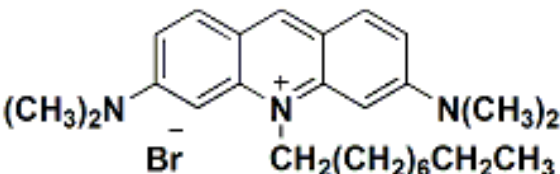


Certificate of Analysis (C of A)				
Name:	Acridine orange 10-nonyl bromide Nonyl acridine orange			
Catalog Number:	6243	Lot:	50157	
CAS Number:	75168-11-5	Formula:	C ₂₆ H ₃₈ BrN ₃	
Molecular Weight:	472.50 (g/mol)			
	Observed	Standard		
HPLC Purity:	94% at 254 nm	≥ 90% at 254 nm		
Absorption (Methanol)				
Wavelength (λ_{max}):	495 nm	495 ± 3 nm		
Extinction:	89,300 cm ⁻¹ M ⁻¹	89,000 ± 6,500 cm ⁻¹ M ⁻¹		
Fluorescence (N/A)				
Emission Max:	N/A	519 ± 4 nm		
TLC Purity:	> 98%	≥ 90%		
TLC System:	85:13:2 Chloroform / Methanol / Acetic acid			
Storage:	Store at Room Temperature (RT), Protect from moisture (D), Protect from light (L)			
Production Lot:	ST14051-4	Release:	08-Sep-2014	Expiration: 08-Sep-2034
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: 08-Sep-2014

Signature: Dianna M Wineinger