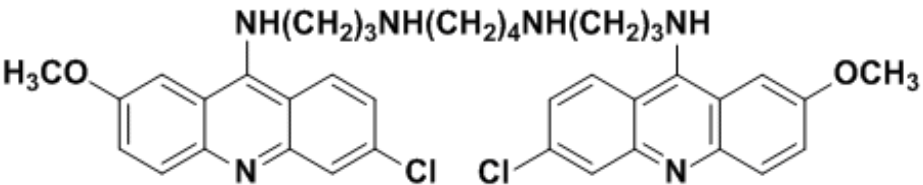


Certificate of Analysis (C of A)			
Name:	Acridine homodimer bis-(6-chloro-2-methoxy-9-acridinyl)spermine		
Catalog Number:	6501	Lot:	50661
CAS Number:	57576-49-5	Formula:	C <sub>38</sub> H <sub>42</sub> Cl <sub>2</sub> N <sub>6</sub> O <sub>4</sub>
Molecular Weight:	685.69 (g/mol)		
	<b>Observed</b>	<b>Standard</b>	
HPLC Purity:	95% at 254 nm		≥ 90% at 254 nm
<b>Absorption (Methanol)</b>			
Wavelength (λ <sub>max</sub> ):	418 nm		418 ± 3 nm
Extinction:	14,800 cm <sup>-1</sup> M <sup>-1</sup>		15,000 ± 1,500 cm <sup>-1</sup> M <sup>-1</sup>
<b>Fluorescence (Methanol)</b>			
Emission Max:	490 nm		490 ± 4 nm
TLC Purity:	> 99%		≥ 90%
TLC System:	23:23:33:13:8 Methanol / Water / Isopropyl alcohol / Acetic Acid / Ammonium hydroxide		
Storage:	Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)		
Production Lot:	15215	Release:	02-Nov-2015
		Expiration:	02-Nov-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:** 02-Nov-2015

**Signature:** 