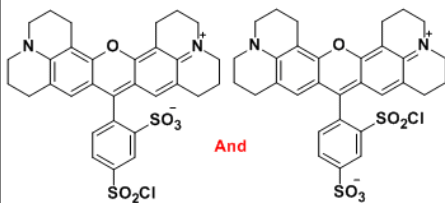


## Certificate of Analysis

(C of A)

Name:		SR 101 Sulfonyl Chloride *Mixed isomers* Texas Red™ Sulfonyl Chloride, mixed isomers *TM of MP*			
Catalog Number:	6846	Lot:		50226	
CAS Number:	82354-19-6	Formula:		C <sub>31</sub> H <sub>29</sub> ClN <sub>2</sub> O <sub>6</sub> S <sub>2</sub>	
Molecular Weight:	625.17 (g/mol)				
	Observed		Standard		
Absorption (Chloroform)					
Wavelength (λ <sub>max</sub> ):	587 nm		588 ± 3 nm		
Extinction:	76,200 cm <sup>-1</sup> M <sup>-1</sup>		82,000 ± 8,000 cm <sup>-1</sup> M <sup>-1</sup>		
TLC Purity:	> 90%		≥ 85%		
TLC System:	50:35:15 Chloroform / Acetonitrile / Isopropyl alcohol + N-butylamine				
Storage:	Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)				
Production Lot:	14505	Release:	13-Jan-2021	Expiration:	17-Oct-2019
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:** 13-Jan-2021

**Signature:** 