

**Catalog Number** T1905  
**Product Name** Texas Red® sulfonyl chloride \*mixed isomers\* \*special packaging\*  
**CAS Number / Name** 82354-19-6 / 1H,5H,11H,15H-Xantheno(2,3,4-ij:5,6,7-i'j')-diquinolizin-18-ium, 9-(2(or4)-(chlorosulfonyl)-4(or2)-sulfophenyl)-2,3,6,7,12,13,16,17-octahydro-, hydroxide, inner salt  
**Molecular Formula** C<sub>31</sub>H<sub>29</sub>ClN<sub>2</sub>O<sub>6</sub>S<sub>2</sub>  
**Molecular Weight** 625.15  
**Appearance** purple solid  
**Lot Number** 2096800

	LOT DATA	SPECIFICATION
<b>Absorption</b> <sup>1</sup> Maximum Extinction	583 nm 103400 cm <sup>-1</sup> M <sup>-1</sup>	588 ± 5 nm 88000 ± 16500 cm <sup>-1</sup> M <sup>-1</sup>
<b>Fluorescence</b> <sup>1</sup> Emission Maximum	597 nm	601 ± 4 nm
<b>HPLC</b> <sup>2</sup> Purity	91 % at 254 nm	≥ 85 % at 254 nm
<b>NMR</b> Result	meets specification	consistent with structure
<b>Miscellaneous Information</b> Material Lot Number	1896641	N/A

1. Solvent: Chloroform.

2. Method: Derivatized with n-butylamine. Purity value represents total reactive dye content.



Rachel Smith, Quality Assurance Manager

05-Jun-2017

Life Technologies Corporation, on behalf of its Invitrogen business, Molecular Probes® labeling and detection technologies, certifies on the date above that this is an accurate record of the analysis of the subject lot and that the data conform to the specifications in effect for this product at the time of analysis.