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## Sulforhodamine 101 Sulfonyl Chloride (Texas Red Sulfonyl Chloride)

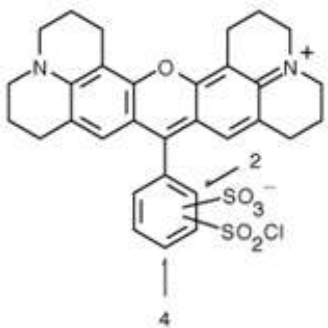
Catalog Number	Packaging Size
C152	5 mg

Storage upon receipt: -20°C, protect from light

### Introduction

The amine-reactive **Sulforhodamine 101 Sulfonyl Chloride** (Known as Texas Red® sulfonyl chloride, Trade Mark of Molecular Probes) can be used to create bright red-fluorescent bioconjugates with excitation/emission maxima ~595/615 nm.

### Specifications

<b>Label:</b>	Texas Red	
<b>Ex/Em:</b>	595/615 nm	
<b>Detection Method:</b>	Fluorescent	
<b>Solubility:</b>	DMF	
<b>Molecular Formula:</b>	C <sub>31</sub> H <sub>29</sub> ClN <sub>2</sub> O <sub>6</sub> S <sub>2</sub>	
<b>Molecular Weight:</b>	625.15	
<b>CAS Number:</b>	82354-19-6	
<b>Storage Conditions:</b>	-20°C, protect from light	
<b>Shipping Condition:</b>	Room Temperature	

### Applications

Fluorescent labeling

### References:

1. Co-expression of chemotactic ligand receptors on human peripheral blood monocytes.  
Ohura K, Katona IM, Wahl LM, Chenoweth DE, Wahl SM  
J Immunol (1987) 138:2633-2639
2. Texas Red, a hydrophilic, red-emitting fluorophore for use with fluorescein in dual parameter flow microfluorometric and fluorescence microscopic studies.  
Titus JA, Haugland R, Sharrow SO, Segal DM  
J Immunol Methods (1982) 50:193-204
3. Flow Cytometry and Surface-Marker Phenotyping Using Monoclonal Antibodies: A Combined Approach to Precisely Define the State of the Immune System.  
Hadam MR  
New Aspects in Physiol Antitumor Substances, Gillissen G, Theurer K 1985; (na):na pp. 120-146