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## Sulforhodamine 101-X, succinimidyl ester (Texas Red-X, succinimidyl ester)

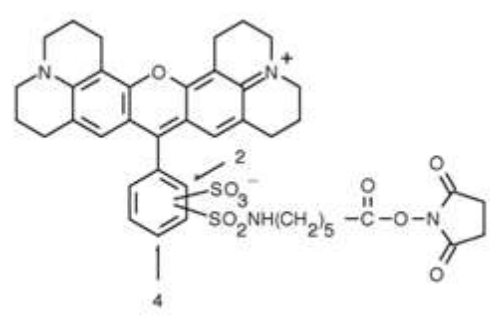
Catalog Number	Packaging Size
C154	5 mg

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

### Introduction

The amine-reactive **Sulforhodamine 101-X, succinimidyl ester** (Known as Texas Red-X, succinimidyl ester, 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>41</sub> H <sub>44</sub> N <sub>4</sub> O <sub>10</sub> S <sub>2</sub>	
<b>Molecular Weight:</b>	816.94	
<b>CAS Number:</b>	216972-99-5	
<b>Storage Conditions:</b>	-20°C, protect from light	
<b>Shipping Condition:</b>	Room Temperature	

### Applications

Fluorescent labeling

### References:

1. Influence of fluorophore and linker composition on the pharmacology of fluorescent adenosine A1 receptor ligands.  
Baker JG, Middleton R, Adams L, May LT, Bridson SJ, Kellam B, Hill SJ,  
Br J Pharmacol (2010) 159:772-786
2. A lipid receptor sorts polyomavirus from the endolysosome to the endoplasmic reticulum to cause infection.  
Qian M, Cai D, Verhey KJ, Tsai B,  
PLoS Pathog (2009) 5:e1000465-e1000465
3. H-type dimer formation of fluorophores: a mechanism for activatable, in vivo optical molecular imaging.  
Ogawa M, Kosaka N, Choyke PL, Kobayashi H,  
ACS Chem Biol (2009) 4:535-546