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## 5(6)-ROX, SE [5-(and-6)-Carboxy-X-rhodamine, succinimidyl ester]

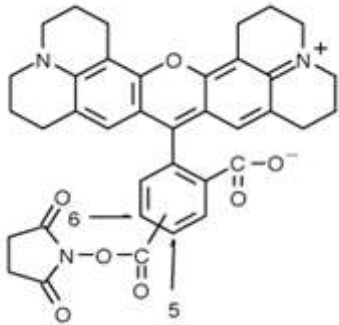
Catalog Number	Packaging Size
C149	25 mg

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

### Introduction

5(6)-ROX, SE is an amine-reactive fluorescent probe that is widely used for oligonucleotide labeling and automated DNA sequencing applications.

### Specifications

Label:	ROX	
Ex/Em:	575/602 nm	
Detection Method:	Fluorescent	
Solubility:	DMSO, DMF	
Molecular Formula:	C <sub>37</sub> H <sub>33</sub> N <sub>3</sub> O <sub>7</sub>	
Molecular Weight:	631.68	
CAS Number:	114616-32-9	
Storage Conditions:	-20°C, protect from light	
Shipping Condition:	Room Temperature	

### Applications

Fluorescent labeling

### References:

1. Zymogen/enzyme discrimination using peptide chloromethyl ketones.  
Williams EB, Krishnaswamy S, Mann KG  
J Biol Chem (1989) 264:7536-7545
2. Thermally Activated Hole Filling of Dye and Dye-Oligonucleotide Doped into Polymer Films.  
Chang T-C, Chiang C-C, Chou S-H  
J Phys Chem (1995) 99:6620-6620
3. Real-time PCR in the microbiology laboratory.  
Mackay IM  
Clin Microbiol Infect (2004) 10:190-212