

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

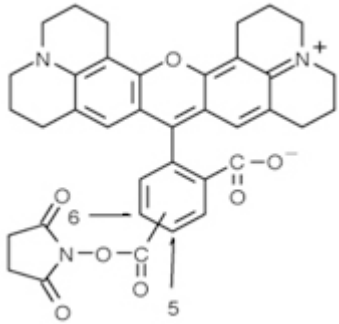
Catalog Number	Packaging Size
C149	25 mg

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 ₃₇ H ₃₃ N ₃ O ₇	
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