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5-TAMRA, SE [5-Carboxy-tetramethylrhodamine, succinimidyl ester]

Catalog Number	Packaging Size
C140	5 mg

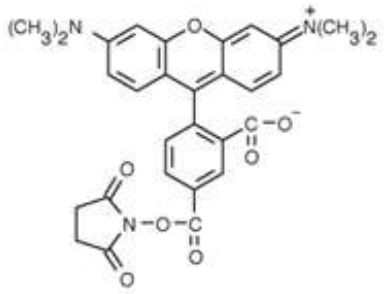
Storage upon receipt: -20°C, protect from light

Introduction

5-TAMRA, SE is an amine-reactive fluorescent probe for preparation of bioconjugates and it is photo-stable and pH-insensitive orange-red fluorescent dye.

Specifications

Label:	Tetramethylrhodamine
Ex/Em:	555/575 nm
Detection Method:	Fluorescent
Solubility:	DMSO, DMF
Molecular Formula:	$C_{29}H_{25}N_3O_7$
Molecular Weight:	527.53
CAS Number:	150810-68-7
Storage Conditions:	-20°C, protect from light
Shipping Condition:	Room Temperature



Applications

Fluorescent labeling

References:

1. Time-Resolved Fluorescence Energy Transfer DNA Helicase Assays for High Throughput Screening.
   Earnshaw DL, Moore KJ, Greenwood CJ, Djaballah H, Jurewicz AJ, Murray KJ, Pope AJ
   J Biomol Screen (1999) 4:239-248
2. Zymogen/enzyme discrimination using peptide chloromethyl ketones.
   Williams EB, Krishnaswamy S, Mann KG
   J Biol Chem (1989) 264:7536-7545
3. Multiplex detection of single-nucleotide variations using molecular beacons.
   Marras SA, Kramer FR, Tyagi S
   Genet Anal (1999) 14:151-156