

Product Data Sheet



6-TAMRA SE

Catalog ID: 140301

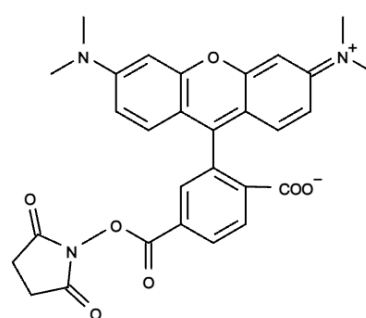
Revised: 2025-01-31

Description

Single TAMRA isomers are increasingly favored for labeling peptides and nucleotides due to their ability to provide better resolution during HPLC purification, which is often essential in conjugation processes. Among these isomers, 6-TAMRA, SE is primarily used for labeling nucleotides and nucleic acids, making it a valuable tool for creating high-purity fluorescent conjugates in molecular biology and fluorescence-based research.

Chemical Properties

CAS number	150810-69-8
Formula	$C_{29}H_{25}N_3O_7$
Molecular Weight	527.53
HPLC Purity	≥95%
λ_{abs} (nm)	552
ϵ_{max} ($M^{-1} cm^{-1}$)	9.0×10^4
λ_{fl} (nm)	578
$CF_{260} = \epsilon_{260} / \epsilon_{max}$	0.32
$CF_{280} = \epsilon_{280} / \epsilon_{max}$	0.178



Storage

Upon receipt, store at -20°C in the dark. Protect from light and moisture. When stored as indicated, 6-TAMRA SE is stable for at least 1 year.

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

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