5(6)-TRITC (ultra pure)

Amine reactive dye

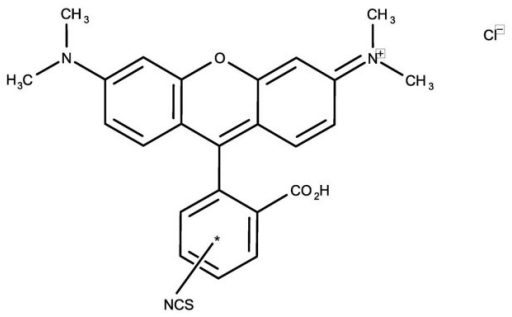
5(6)-TRITC is an amino-reactive labeling reagent that is widely used in preparing bioconjugates of proteins and nucleic acids. The resultant conjugates have similar spectral properties to those prepared from 5(6)-TAMRA, SE with improved stability. TRITC is widely used and has a multitude of applications beyond protein, peptide and nucleotide labeling For example, it can serve as an acceptor for FRET (Fluorescence Resonance Energy Transfer) based detection systems. FITC is recommended as a donor molecule in these FRET-based applications. Wavelength Maxima: Excitation 543nm, Emission 571nm

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Ordering Information Order Online »

ENZ-52452	10mg

Manuals, SDS & CofA View Online »


CH3
CH3
N
O
N+
H3C
CH3
Cl−
CO2H
*
NCS

Handling & Storage

Use/Stability	Stable for at least one year after receipt when stored as recommended.
Handling	Protect from light. Keep cool and dry.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Tetramethylrhodamine-5(6)-isothiocyanate
CAS	95197-95-8
Formula	$C_{25}H_{21}N_3O_3S$
MW	480.0
Purity	≥95% (HPLC)
Solubility	Soluble in DMSO.
Technical Info / Product Notes	This product is a member of the CELLESTIAL® product line, reagents and assay kits comprising fluorescent molecular probes that have been extensively benchmarked for live cell analysis applications. CELLESTIAL® reagents and kits are optimal for use in demanding imaging applications, such as confocal microscopy, flow cytometry and HCS, where consistency and reproducibility are required.

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