

5(6)-TRITC [Tetramethylrhodamine-5-(and-6)-isothiocyanate] *Mixed isomers*

Chemical Properties

CAS No.:	95197-95-8
Formula:	C ₂₅ H ₂₁ N ₃ O ₃ S
Molecular Weight:	443.52
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	5(6)-TRITC [Tetramethylrhodamine-5-(and-6)-Isothiocyanate] *Mixed isomers* is used to label antibodies with strong fluorescent dyes
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Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.255 mL	11.273 mL	22.547 mL
5 mM	0.451 mL	2.255 mL	4.509 mL
10 mM	0.225 mL	1.127 mL	2.255 mL
50 mM	0.045 mL	0.225 mL	0.451 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Perelman, A, Wachtel, C, Cohen, M, et al. JC-1: alternative excitation wavelengths facilitate mitochondrial membrane potential cytometry[J]. Cell Death & Disease, 2012, 3(11):e430.

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