

6-TRITC [Tetramethylrhodamine-6-isothiocyanate] *CAS 80724-20-5*

Catalog Number: 417, 418
Unit Size: 1 mg, 5 mg

Product Details

Storage Conditions	Freeze (< -15 °C), Minimize light exposure
Expiration Date	12 months upon receiving

Chemical Properties

Appearance	Solid purple
Molecular Weight	479.98
Soluble In	DMSO

Chemical Structure	
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Spectral Properties

Excitation Wavelength	544 nm
Emission Wavelength	570 nm

Applications

6-TRITC (also called R isomer) is the other isomer of the TRITC labeling reagent that is widely used in preparing bioconjugates of proteins and nucleic acids. Complimentary to 5-TRITC, the 6-isomer is predominantly used in labeling nucleotides and nucleic acids. Cautions must be exercised for the storage of TRITC conjugates.