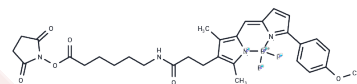


BODIPY TMR-X SE

Chemical Properties

CAS No. :	217190-15-3
Formula:	C ₃₁ H ₃₅ BF ₂ N ₄ O ₆
Molecular Weight:	608.44
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	BODIPY TMR-X SE is a potent fluorescent dye that labels primary amines (R-NH ₂) in proteins, amine-modified oligonucleotides, and other amine-containing molecules, producing bright orange fluorescence when bound to proteins or antibodies ($\lambda_{ex}=544$ nm, $\lambda_{em}=570$ nm)[1][2].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6435 mL	8.2177 mL	16.4355 mL
5 mM	0.3287 mL	1.6435 mL	3.2871 mL
10 mM	0.1644 mL	0.8218 mL	1.6435 mL
50 mM	0.0329 mL	0.1644 mL	0.3287 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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