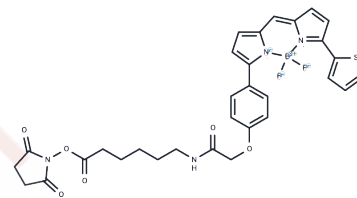


## BODIPY TR-X

## Chemical Properties

CAS No. :	197306-80-2
Formula:	C <sub>31</sub> H <sub>29</sub> BF <sub>2</sub> N <sub>4</sub> O <sub>6</sub> S
Molecular Weight:	634.46
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 TR-X (BODIPY TR-X NHS Ester) is a potent fluorescent dye that labels primary amines (R-NH <sub>2</sub> ) in proteins, amine-modified oligonucleotides, and other amine-containing molecules, exhibiting bright red fluorescence when bound to proteins or antibodies ( $\lambda_{\text{ex}}=545$ nm, $\lambda_{\text{em}}=560$ nm) [1] [2].
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5761 mL	7.8807 mL	15.7614 mL
5 mM	0.3152 mL	1.5761 mL	3.1523 mL
10 mM	0.1576 mL	0.7881 mL	1.5761 mL
50 mM	0.0315 mL	0.1576 mL	0.3152 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**

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

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