

BODIPY TR Maleimide

Chemical Properties

CAS No. : 2183473-37-0

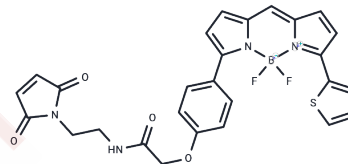
Formula: C₂₇H₂₁BF₂N₄O₄S

Molecular Weight: 546.35

Keep away from direct sunlight

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	BODIPY TR maleimide is frequently utilized in microscopy and fluorescence polarization analysis experiments. Its maleimide group reacts with thiol groups to form thioester bonds when the pH is between 6.5 and 7.5. This property affords it applications in biochemistry and molecular biology, allowing it to label thiol-containing biomolecules, such as proteins.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8303 mL	9.1516 mL	18.3033 mL
5 mM	0.3661 mL	1.8303 mL	3.6607 mL
10 mM	0.183 mL	0.9152 mL	1.8303 mL
50 mM	0.0366 mL	0.183 mL	0.3661 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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