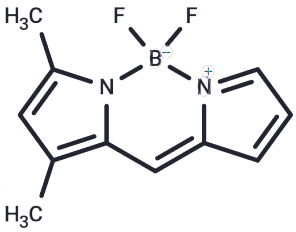
Data Sheet (Cat.No.T205834)

TargetMol

1,3-Dimethyl-BODIPY

Chemical Properties



CAS No. : 154793-49-4

Formula: C11H11BF2N2

Molecular Weight: 220.03

Storage: Keep away from direct sunlight
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-type fluorescent dyes exhibit excellent photophysical and chemical properties, such as high molar extinction coefficients, high fluorescence quantum yields, stable spectral properties, narrow fluorescence spectral bandwidths, along with good photothermal and chemical stability. [Ex/Em(nm) = 499/510].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.5448 mL	22.7242 mL	45.4483 mL
5 mM	0.909 mL	4.5448 mL	9.0897 mL
10 mM	0.4545 mL	2.2724 mL	4.5448 mL
50 mM	0.0909 mL	0.4545 mL	0.909 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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