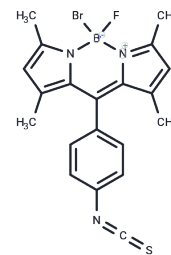


BODIPY Isothiocyanate

Chemical Properties

CAS No. :	1349031-04-4
Formula:	C ₂₀ H ₁₈ BBrFN ₃ S
Molecular Weight:	442.16
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 Isothiocyanate exhibits the characteristic fluorescent properties of BODIPY compounds, typically with a high fluorescence quantum yield and specific absorption and emission wavelengths. These fluorescence qualities offer potential applications in fields like bioimaging and chemical analysis. In biological applications, it can serve as a fluorescent probe that reacts with specific groups (such as amino groups) in biomolecules, enabling the labeling and tracking of these molecules. For instance, in cell imaging, it can specifically label certain structures or biological processes within cells for observation and study using fluorescence microscopy and similar tools.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2616 mL	11.3081 mL	22.6162 mL
5 mM	0.4523 mL	2.2616 mL	4.5232 mL
10 mM	0.2262 mL	1.1308 mL	2.2616 mL
50 mM	0.0452 mL	0.2262 mL	0.4523 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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