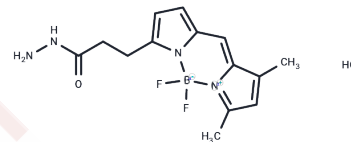


BODIPY FL hydrazide hydrochloride

Chemical Properties

CAS No. :	2183473-45-0
Formula:	C ₁₄ H ₁₈ BClF ₂ N ₄ O
Molecular Weight:	342.58
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 FL hydrazide hydrochloride is a versatile dye with multifaceted applications. As a crucial tool in biological experiments, this dye enables the observation and analysis of cell structures, tracking of biomolecules, evaluation of cell functions, differentiation of cell types, detection of biomolecules, examination of tissue pathology, and monitoring of microorganisms. Its use spans across basic scientific research and a broad spectrum of clinical diagnostics. Beyond life sciences, dyes like BODIPY FL hydrazide hydrochloride find extensive use in traditional industries such as textile dyeing and in innovative areas including functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.919 mL	14.5951 mL	29.1903 mL
5 mM	0.5838 mL	2.919 mL	5.8381 mL
10 mM	0.2919 mL	1.4595 mL	2.919 mL
50 mM	0.0584 mL	0.2919 mL	0.5838 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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