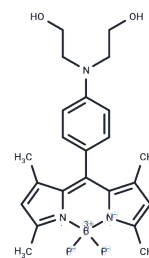


BODIPY derivatives 1

Chemical Properties

CAS No. :	886212-86-8
Formula:	C ₂₃ H ₂₈ BF ₂ N ₃ O ₂
Molecular Weight:	427.3
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	10-(4-(Bis(2-hydroxyethyl)amino)phenyl)-5,5-difluoro-1,3,7,9-tetramethyl-5H-dipyrrolo [1,2-c:2',1'-f][1,3,2]diazaborinin-4-ium-5-uide, a derivative of BODIPY, serves as a fluorescent indicator specifically for the detection of Pb ²⁺ with an excitation at 504 nM and emission at 510 nM [1] [2].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3403 mL	11.7014 mL	23.4028 mL
5 mM	0.4681 mL	2.3403 mL	4.6806 mL
10 mM	0.234 mL	1.1701 mL	2.3403 mL
50 mM	0.0468 mL	0.234 mL	0.4681 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481