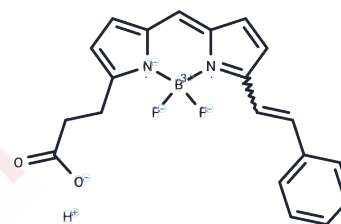


BODIPY 564/570

Chemical Properties

CAS No. :	150173-89-0
Formula:	C ₂₀ H ₁₇ BF ₂ N ₂ O ₂
Molecular Weight:	366.17
Storage:	Keep away from direct sunlight Store at -20°C <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	BODIPY 564/570 is a fluorescent dye suitable for labeling magnetic nanoparticles (MNP), with peak excitation at 564 nm and emission at 570 nm.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.731 mL	13.6549 mL	27.3097 mL
5 mM	0.5462 mL	2.731 mL	5.4619 mL
10 mM	0.2731 mL	1.3655 mL	2.731 mL
50 mM	0.0546 mL	0.2731 mL	0.5462 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.

Reference

Polyak B, et al., High field gradient targeting of magnetic nanoparticle-loaded endothelial cells to the surfaces of steel stents. Proc Natl Acad Sci U S A. 2008 Jan 15;105(2):698-703.

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