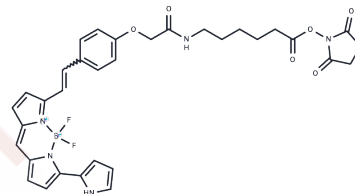


BODIPY 650/665

Chemical Properties

CAS No. :	235439-04-0
Formula:	C33H32BF2N5O6
Molecular Weight:	643.45
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 650/665 (NHS ester) is a far-red/near-infrared fluorescent dye with excitation and emission wavelengths of 646/660 nm. It is used to label neutral lipids in live or fixed cells and is commonly employed in studies of adipocyte differentiation and lipid metabolism. NHS ester can specifically bind to primary amine groups (-NH ₂) on molecules such as proteins and peptides, forming stable amide bonds.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5541 mL	7.7706 mL	15.5412 mL
5 mM	0.3108 mL	1.5541 mL	3.1082 mL
10 mM	0.1554 mL	0.7771 mL	1.5541 mL
50 mM	0.0311 mL	0.1554 mL	0.3108 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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