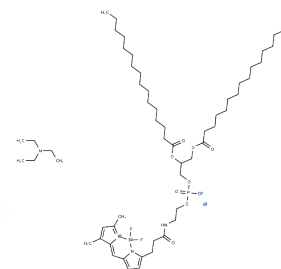


## BODIPY FL-DHPE

## Chemical Properties

CAS No. :	217075-07-5
Formula:	C57H102BF2N4O9P
Molecular Weight:	1067.22
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 DHPE, a green-fluorescent phospholipid probe, specifically targets and labels the lipid 1,2-dihexadecanoyl-sn-glycero-phosphoethanolamine (DHPE). When labeled, these liposomes can subsequently be internalized through membrane fusion. This compound is particularly useful for studying both membrane surfaces and the process of membrane fusion. ( $\lambda_{ex} = 505 \text{ nm}$ , $\lambda_{em} = 511 \text{ nm}$ ) [1].
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.937 mL	4.6851 mL	9.3701 mL
5 mM	0.1874 mL	0.937 mL	1.874 mL
10 mM	0.0937 mL	0.4685 mL	0.937 mL
50 mM	0.0187 mL	0.0937 mL	0.1874 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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