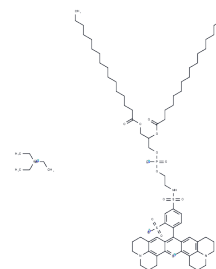


## Sulforhodamine 101 DHPE

## Chemical Properties

CAS No. :	187099-99-6
Formula:	C74H117N4O14PS2
Molecular Weight:	1381.86
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	Sulforhodamine 101 DHPE, a fluorescent probe, results from the conjugation of sulforhodamine 101, a red fluorescent dye with excitation/emission spectra of 586/605 nm, to the phospholipid 1,2-dipalmitoyl-sn-glycero-3-PE. It effectively integrates into phospholipid bilayers and is utilized for imaging solid supported lipid bilayers, detecting protein-ligand interactions on bilayers, and monitoring lipid probe colocalization in liposomes through resonance energy transfer (RET).
Targets(IC50)	Others,Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7237 mL	3.6183 mL	7.2366 mL
5 mM	0.1447 mL	0.7237 mL	1.4473 mL
10 mM	0.0724 mL	0.3618 mL	0.7237 mL
50 mM	0.0145 mL	0.0724 mL	0.1447 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