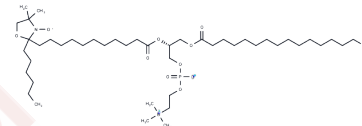


16:0-12 Doxyl PC

Chemical Properties

CAS No. : 217499-54-2
 Formula: C46H90N2O10P
 Molecular Weight: 862.19
 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	16:0-12 Doxyl PC (1-Palmitoyl-2-stearoyl-(12-doxyl)-sn-glycero-3-phosphocholine) functions as a fluorescence quencher, with the nitroxide group situated downstream on the sn-2 chain. It exhibits enhanced fluorescence quenching for fluorophores embedded within the bilayer hydrocarbons.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1598 mL	5.7992 mL	11.5984 mL
5 mM	0.232 mL	1.1598 mL	2.3197 mL
10 mM	0.116 mL	0.5799 mL	1.1598 mL
50 mM	0.0232 mL	0.116 mL	0.232 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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