

## (Rac)-SOPC

## Chemical Properties

CAS No. :	6753-56-6
Formula:	C44H86NO8P
Molecular Weight:	788.15
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	(Rac)-SOPC ((Rac)-PC(18:0/18:1)) ((Rac)-2-Oleoyl-1-stearoyl-sn-glycero-3-phosphocholine) is the racemic form of SOPC. SOPC is an asymmetrical phospholipid characterized by a saturated fatty acid (stearic acid/18:0) at the sn-1 position and an unsaturated fatty acid (oleic acid/18:1) at the sn-2 position. It is capable of stabilizing the outer segment membranes of frog rod cells.
Targets(IC50)	Liposome

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2688 mL	6.344 mL	12.6879 mL
5 mM	0.2538 mL	1.2688 mL	2.5376 mL
10 mM	0.1269 mL	0.6344 mL	1.2688 mL
50 mM	0.0254 mL	0.1269 mL	0.2538 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.

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