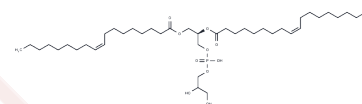


## Dioleoylphosphatidylglycerol

## Chemical Properties

CAS No. :	62700-69-0
Formula:	C42H79O10P
Molecular Weight:	775.04
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	Dioleoylphosphatidylglycerol (DOPG), a naturally occurring phospholipid, is synthesized through the action of aquaporin 3 (AQP3) and phospholipase D2 (PLD2). It functions to suppress the production of inflammatory mediators by macrophages triggered by the activation of toll-like receptor 2 (TLR2) by heat shock protein B4 (HSPB4) [1].
Targets(IC50)	Others,Liposome

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2903 mL	6.4513 mL	12.9026 mL
5 mM	0.2581 mL	1.2903 mL	2.5805 mL
10 mM	0.129 mL	0.6451 mL	1.2903 mL
50 mM	0.0258 mL	0.129 mL	0.2581 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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