

## Egg PG

## Chemical Properties

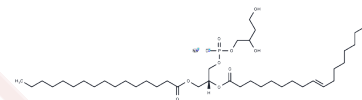
CAS No. : 383907-64-0

Formula: C<sub>41</sub>H<sub>78</sub>NaO<sub>10</sub>P

Molecular Weight: 785.02

Storage: Keep away from direct sunlight, Store under nitrogen  
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	Egg PG(Phosphatidylglycerols(egg)) is one of the major phosphatidylglycerols of food and biological tissues, often found in the membranes of bacterial and animal cells, and serves as an anionic phospholipid substrate in the sPMCA, reaction.
Targets(IC50)	Others

## Solubility Information

Solubility DMSO: 4.5 mg/mL (5.73 mM), Sonication is recommended.  
(< 1 mg/ml refers to the product slightly soluble or insoluble)

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2739 mL	6.3693 mL	12.7385 mL
5 mM	0.2548 mL	1.2739 mL	2.5477 mL
10 mM	0.1274 mL	0.6369 mL	1.2739 mL
50 mM	0.0255 mL	0.1274 mL	0.2548 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.

## Reference

Furse S. Is phosphatidylglycerol essential for terrestrial life?. Journal of chemical biology. 2017, 10(1): 1-9.

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