

## Phosphatidylcholines, egg

Cat. No.:	HY-125854		
CAS No.:	97281-44-2		
Target:	Liposome		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month

### Phosphatidylcholines, egg

#### SOLVENT & SOLUBILITY

In Vitro	Ethanol : 50 mg/mL (Need ultrasonic)
In Vivo	1. Add each solvent one by one: 10% EtOH >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (Infinity mM); Clear solution

#### BIOLOGICAL ACTIVITY

Description	Phosphatidylcholines, egg is an important part of eukaryotic membranes. Phosphatidylcholines, egg is also a major source of the second messenger Diacylglycerol, Phosphatidic acid, Lysophosphatidic acid, and Arachidonic acid, which can be further metabolized to other signaling molecules <sup>[1]</sup> .
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#### REFERENCES

[1]. Federica Gibellini, et al. The Kennedy pathway--De novo synthesis of phosphatidylethanolamine and phosphatidylcholine. IUBMB Life. 2010 Jun;62(6):414-28.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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