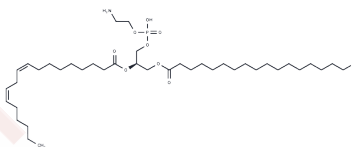


18:0-18:2 PE

## Chemical Properties

CAS No. : 7266-53-7  
 Formula: C<sub>41</sub>H<sub>78</sub>N<sub>0</sub>O<sub>8</sub>P  
 Molecular Weight: 744.03  
 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	18:0-18:2 PE is a lipid used in drug delivery, primarily composed of unsaturated fatty acids. 18:0-18:2 PE is considered a key precursor of important odors (IOs) in <i>Eriocheir sinensis</i> .
Targets(IC50)	Liposome

## Solubility Information

Solubility	Chloroform: 125.00 mg/mL (168.00 mM), Sonication is recommended. DMSO: < 1 mg/mL (insoluble) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.344 mL	6.7202 mL	13.4403 mL
5 mM	0.2688 mL	1.344 mL	2.6881 mL
10 mM	0.1344 mL	0.672 mL	1.344 mL
50 mM	0.0269 mL	0.1344 mL	0.2688 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

- Wu N, et al. Identification of important odorants derived from phosphatidylethanolamine species in steamed male *Eriocheir sinensis* hepatopancreas in model systems. *Food Chem.* 2019 Jul 15;286:491-499.
- Yagi T, et al. Relative Ratios Enhance the Diagnostic Power of Phospholipids in Distinguishing Benign and Cancerous Ovarian Masses. *Cancers (Basel).* 2019 Dec 26;12(1):72.

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