

## Phosphatidylinositols sodium

### Chemical Properties

CAS No. : 383907-36-6

Formula: C45H78NaO13P

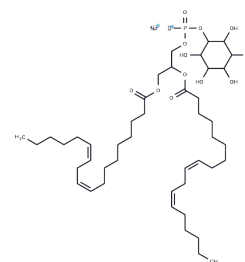
Molecular Weight: 881.07

Appearance:

keep away from direct sunlight,store at low temperature

Storage:

Pure form: -20°C for 3 years | In solvent: -80°C for 1 year



### Biological Description

Description	Phosphatidylinositols sodium are a type of lipid present in organisms that has an enrichment effect and is involved in regulating various cell functions. They can be used in the functional study of lipid membranes.
Targets(IC50)	Others

### Solubility Information

Solubility	Methanol: 5 mg/mL (5.67 mM),Sonication is recommended. DMSO: 2 mg/mL (2.27 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.135 mL	5.6749 mL	11.3498 mL
5 mM	0.227 mL	1.135 mL	2.270 mL
10 mM	0.1135 mL	0.5675 mL	1.135 mL
50 mM	0.0227 mL	0.1135 mL	0.227 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.

### Reference

Pemberton JG, et al. Integrated regulation of the phosphatidylinositol cycle and phosphoinositide-driven lipid transport at ER-PM contact sites. Traffic. 2020 Feb;21(2):200-219.

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