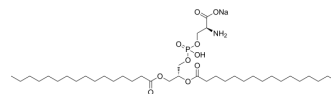


## 12-Dipalmitoyl-sn-glycero-3-PS sodium salt

Cat. No.:	HY-145539		
CAS No.:	145849-32-7		
Molecular Formula:	C <sub>38</sub> H <sub>72</sub> NNa <sub>2</sub> O <sub>10</sub> P		
Molecular Weight:	779.93		
Target:	Liposome		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

In Vitro	DMSO : < 1 mg/mL (insoluble or slightly soluble)
----------	--

### BIOLOGICAL ACTIVITY

Description	12-Dipalmitoyl-sn-glycero-3-PS sodium salt is an anionic diacyl phospholipid, a lipid component in cell membrane. 12-Dipalmitoyl-sn-glycero-3-PS sodium salt can be use in the preparation of catanionic vesicles and liposome <sup>[1][2]</sup> .
-------------	--

### REFERENCES

- [1]. Lozano N, et al. Catanionic vesicles formed with arginine-based surfactants and 1,2-dipalmitoyl-sn-glycero-3-phosphate monosodium salt. J Phys Chem B. 2009 May 7;113(18):6321-7.
- [2]. Patra D, et al. Effect of curcumin on liposome: curcumin as a molecular probe for monitoring interaction of ionic liquids with 1,2-dipalmitoyl-sn-glycero-3-phosphocholine liposome. Photochem Photobiol. 2012 Mar-Apr;88(2):317-27.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA