Data Sheet (Cat.No.TF0112)



DPPS

Chemical Propert	ties
CAS No. :	145849-32-7
Formula:	C38H73NNaO10P
Molecular Weight:	757.95
Appearance: 🦲	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year

Biological Description	e e
Description	DPPS (12-Dipalmitoyl-sn-glycero-3-PS sodium salt) is an anionic diacyl-phospholipid, a form of phosphatidylserine (PS), which is a negatively charged phospholipid located in the lobules of cell membranes. DPPS are used to make cationic vesicles and liposomes.
Targets(IC50)	Others

Solubility Information	
Solubility 📀	DMSO: 1 mg/mL (insoluble or slightly soluble) (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3193 mL	6.5967 mL	13.1935 mL
5 mM	0.2639 mL	1.3193 mL	2.6387 mL
10 mM	0.1319 mL	0.6597 mL	1.3193 mL
50 mM	0.0264 mL	0.1319 mL	0.2639 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

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;113(18):6321-6327.

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