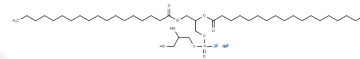


(Rac)-DSPG sodium

Chemical Properties

CAS No. :	124011-52-5
Formula:	C42H82NaO10P
Molecular Weight:	801.06
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	(Rac)-DSPG sodium ((Rac)-1,2-Distearoyl-sn-Glycero-3-Phosphatidylglycerol sodium) is a derivative of phosphatidylglycerol, which, as an amphiphilic molecule, is commonly used in the study of drug delivery and biofilm research.
Targets(IC50)	Liposome

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2483 mL	6.2417 mL	12.4835 mL
5 mM	0.2497 mL	1.2483 mL	2.4967 mL
10 mM	0.1248 mL	0.6242 mL	1.2483 mL
50 mM	0.025 mL	0.1248 mL	0.2497 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

Naomi Benne, et al. Anionic 1,2-distearoyl-sn-glycero-3-phosphoglycerol (DSPG) liposomes induce antigen-specific regulatory T cells and prevent atherosclerosis in mice. J Control Release. 2018 Dec 10;291:135-146.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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