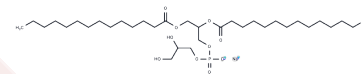


Dimyristoylphosphatidylglycerol Sodium

Chemical Properties

CAS No. :	67232-80-8
Formula:	C34H66NaO10P
Molecular Weight:	688.86
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Dimyristoylphosphatidylglycerol Sodium is a phospholipid employed in commercial pharmaceutical formulations to enhance drug solubility for injectable preparations. As a phospholipid, Dimyristoylphosphatidylglycerol Sodium can form micelles with hydrophobic cores to encapsulate lipophilic drugs while presenting hydrophilic exteriors to improve drug solubility in aqueous environments such as blood or the gastrointestinal tract.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4517 mL	7.2584 mL	14.5167 mL
5 mM	0.2903 mL	1.4517 mL	2.9033 mL
10 mM	0.1452 mL	0.7258 mL	1.4517 mL
50 mM	0.029 mL	0.1452 mL	0.2903 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

Tajima K, et al. Thermal transitions in the bilayer assembly of dimyristoylphosphatidylglycerol sodium salt dispersion in water: a new phase transition through an intermediate state. *Adv Colloid Interface Sci.* 2000 Dec 11; 88(1-2):79-97.

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