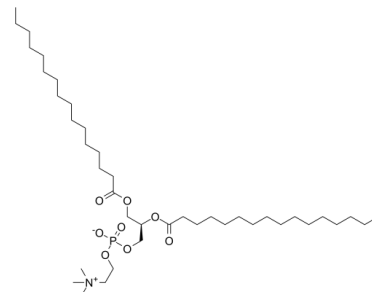


Data Sheet

Product Name:	DPPC
Cat. No.:	CS-0031214
CAS No.:	63-89-8
Molecular Formula:	C40H80NO8P
Molecular Weight:	734.04
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Solubility:	DMSO : < 1 mg/mL (insoluble or slightly soluble)



BIOLOGICAL ACTIVITY:

DPPC is a zwitterionic phosphoglyceride that can be used for the preparation of liposomal monolayers.

References:

[1]. Miller AD. Delivery of RNAi therapeutics: work in progress. Expert Rev Med Devices. 2013 Nov;10(6):781-811.

CAIndexNames:

3,5,9-Trioxa-4-phosphapentacosan-1-aminium, 4-hydroxy-N,N,N-trimethyl-10-oxo-7-[(1-oxohexadecyl)oxy]-, inner salt, 4-oxide, (7R)-

SMILES:

CCCCCCCCCCCCCCCC(O[C@H](COC(CCCCCCCCCCCCCC)=O)COP(OCC[N+](C)(C)C)([O-])=O)=O

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

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