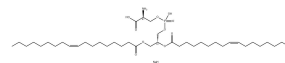


Technical Data Sheet

1,2-dioleoyl-sn-glycero-3-phospho-L-serine (sodium salt)

Compound Information

Product Name:	1,2-dioleoyl-sn-glycero-3-phospho-L-serine (sodium salt)
CAS No.:	90693-88-2
Molecular Formula:	C ₄₂ H ₇₉ NNaO ₁₀ P
Molecular Weight:	812.05
Storage:	-20°C, sealed
Revision Date:	2026-04-15



Analytical Information

Tests	Specifications
Description	DOPS sodium is a substitute for Phosphoserine/phosphatidylserine. DOPS can be used in lipid mixtures with DOPC and DOPE as effective nontoxic and nonviral DNA vectors, and in lipid mixtures to mimic platelet membranes for coagulation studies.
Form	A crystalline solid
Color	Light yellow to orange
Solubility	Chloroform: 10 mg/ml
Purity (TLC)	> 99%
1H NMR	Pass test

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.